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49TH CONGRESS, 2d Session. | SENATE. | MIS. DOC. No. 91.

LAWS OF THE UNITED STATES - Laws, etc.

RELATING TO THE

IMPROVEMENT OF RIVERS AND HARBORS

FROM

AUGUST 11, 1790, TO MARCH 3, 1887,

WITH A

TABULATED STATEMENT OF APPROPRIATIONS AND ALLOTMENTS.

COMPILED IN THE

OFFICE OF THE CHIEF OF ENGINEERS, U. S. ARMY,

UNDER THE DIRECTION OF

JOHN G. PARKE,

COLONEL OF ENGINEERS, BVT. MAJ. GENERAL U, S. A.

PRINTED BY AUTHORITY OF CONGRESS.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1887.

Eng 1018.87

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LETTER OF TRANSMITTAL.

OFFICE OF THE CHIEF OF ENGINEERS,
UNITED STATES ARMY,
Washington, D. C., September 17, 1887.

SIR: In 1877 a compilation of the acts of Congress relating to the improvement of rivers and harbors, from August 11, 1790, to August 14, 1876, was prepared under the immediate direction of General John G. Parke, lieutenant-colonel of Engineers, in charge of the River and Harbor Division of this office, and an edition of 300 copies printed under the authority of the Secretary of War.

In 1885, the edition having become exhausted, a second edition bringing the compilation down to March 3, 1885, was prepared, and submitted to the Secretary of War with the following communication:

OFFICE OF THE CHIEF OF ENGINEERS,
UNITED STATES ARMY,
Washington, D. C., June 24, 1885.

GENERAL: On the 22d March, 1877, I had the honor of submitting to the Chief of Engineers a compilation of the acts of Congress relating to the improvement of rivers and harbors, embracing a period extending from August 11, 1790, to August 14, 1876.

By authority of the Secretary of War the compilation was printed for the use of the Engineer Department. That edition being exhausted, a second has been prepared, which includes, in addition to the acts above named, those passed during the interval ending with the Forty-eighth Congress—March 3, 1885—and is herewith submitted, with the recommendation that 500 copies be printed for the use of this office.

It gives me pleasure to acknowledge the valuable assistance rendered by Mr. P. J. Dempsey in the preparation of this edition.

Very respectfully, your obedient servant,

JOHN G. PARKE,
Colonel of Engineers,
Bvt. Maj. Gen., U. S. A.

Brig. Gen. JOHN NEWTON,
Chief of Engineers, U. S. A.

[First indorsement.]

OFFICE CHIEF OF ENGINEERS,
U. S. ARMY,
June 26, 1885.

Respectfully submitted to the Secretary of War, with recommendation that authority be given for printing on the usual requisition.

JOHN NEWTON,
Chief of Engineers,
Brig. and Bvt. Maj. Gen.

The communication was returned with the following indorsement:

Respectfully returned to the Chief of Engineers. After careful consideration the Secretary of War is of opinion that he has no authority to authorize the publication of this compilation in view of the provisions of the act of July 7, 1884, restricting the public printing to documents or matter of any character which is authorized by law and necessary to administer the public business.

The Chief of Engineers may submit his views in writing on the subject of public printing in order that the same may be transmitted to the next session of Congress with a view to a modification of the law if he deems it necessary.

By order of the Secretary of War.

JOHN TWEEDALE,
Chief Clerk.

WAR DEPARTMENT, *July* 11, 1885.

At the second session of the Forty-ninth Congress the following concurrent resolution was passed by the Senate and House of Representatives:

Resolved by the Senate (the House of Representatives concurring), That there be printed the usual number of copies of "A compilation of the laws of the United States, relating to the improvement of rivers and harbors," including the laws of the second session of the Forty-ninth Congress; and that there be printed, in addition to said usual number, 1,000 copies for the use of the War Department, said compilation to be printed under the direction of the Secretary of War. And said compilation shall be accompanied by an appendix containing a tabulated statement of each annual appropriation and allotment for each improvement, by States when practicable, together with a statement giving the total annual amount for all the improvements by States, and also the aggregate of all the appropriations.—S., Feb. 24, 1887; H. R., Mar. 2, 1887.

The compilation has been brought down to the close of the Forty-ninth Congress under the immediate direction of Maj. Jas. C. Post, Corps of Engineers, in charge of the River and Harbor Division, who acknowledges the same valuable aid of Mr. P. J. Dempsey as was rendered in the previous compilation, and is herewith submitted with a view to its being printed under the above-mentioned concurrent resolution.

Very respectfully, your obedient servant,

J. C. DUANE,
Brig. Gen., Chief of Engineers.

Hon. WILLIAM C. ENDICOTT,
Secretary of War.

[First indorsement.]

WAR DEPARTMENT, *September* 24, 1887.

Approved.

By order of the Acting Secretary of War.

JOHN TWEEDALE,
Chief Clerk.

LAWS OF THE UNITED STATES

RELATING TO THE

IMPROVEMENT OF RIVERS AND HARBORS,

FROM

AUGUST 11, 1790, to MARCH 3, 1887.

[The volume and page of the Statutes at Large (Little, Brown & Co.'s edition) containing the law are indicated in the margin.]

CHAP. 43.—An Act declaring the assent of Congress to certain acts of the States of Maryland, Georgia, and Rhode Island and Providence Plantations.

Aug. 11, 1790.
Vol. 1, p. 184.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of Congress be, and is hereby declared to the operation of the acts of the several states hereinafter mentioned, so far as the same relate to the levying a duty on the tonnage of ships and vessels for the purposes therein mentioned until the tenth day of January next—that is to say: an act of the General Assembly of the state of Rhode Island and Providence Plantations, at their session held in January, one thousand seven hundred and ninety, intituled "An act to incorporate certain persons by the name of the River Machine Company, in the town of Providence, and for other purposes therein mentioned;" and also, an act of the General Assembly of the state of Maryland, at their session in April, one thousand seven hundred and eighty-three, intituled "An act appointing wardens for the port of Baltimore-town in Baltimore county;" as also, another act of the General Assembly of the same state, passed at their session in November, one thousand seven hundred and eighty-eight, intituled "A supplement to the act intituled, An act appointing wardens for the port of Baltimore-town in Baltimore county;" and also, an act of the state of Georgia, "for levying and appropriating a duty on tonnage, for the purpose of clearing the river Savannah, and removing the wrecks and other obstructions therein."

[Expired.]
1791, ch. 3.
1792, ch. 10.
1796, ch. 26.
Certain acts of several States that relate to the tonnage of vessels declared to be in operation until the 10th of January next.

Approved, August 11, 1790.

Jan. 10, 1791.
Vol 1, p. 189.
[Expired.]

CHAP. 3.—An Act to continue an act intituled "An act declaring the assent of Congress to certain acts of the States of Maryland, Georgia, and Rhode Island and Providence Plantations," so far as the same respects the States of Georgia and Rhode Island and Providence Plantations.

Act continued as to Georgia and Rhode Island for another year, &c.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the act passed the last session of Congress, intituled "An act declaring the assent of Congress to certain acts of the states of Maryland, Georgia, and Rhode Island and Providence Plantations," shall be continued, and is hereby declared to be in full force, so far as the same respects the states of Georgia, and Rhode Island and Providence Plantations, for the farther term of one year, and from thence to the end of the then next session of Congress, and no longer.

1790, ch. 43.
1792, ch. 10.

Approved, January 10, 1791.

Mar. 19, 1792.
Vol. 1, p. 243.
[Expired.]

CHAP. 10.—An act declaring the consent of Congress to a certain act of the State of Maryland, and to continue for a longer time, an Act declaring the assent of Congress to certain acts of the States of Maryland, Georgia, and Rhode Island and Providence Plantations, so far as the same respects the States of Georgia, and Rhode Island and Providence Plantations.

Act of May 12, 1796, ch. 26.

SECTION 1. *Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That the consent of Congress be, and is hereby granted and declared to the operation of an act of the general assembly of Maryland, made and passed at a session begun and held at the city of Annapolis, on the first Monday in November last, intituled "An act empowering the wardens of the port of Baltimore to levy and collect the duty therein mentioned."

Consent of Congress granted to the operation of a certain act of Maryland; and

SEC. 2. *And be it further enacted*, That the act, intituled "An act declaring the assent of Congress to certain acts of the states of Maryland, Georgia, and Rhode Island and Providence Plantations," shall be continued, and is hereby declared to be in full force, so far as the same respects the states of Georgia, and Rhode Island and Providence Plantations.

assent to certain acts, Maryland, &c., as to Georgia and Rhode Island.

1790, ch. 43.
1791, ch. 3.

Limitation of this act to June 1, 1796.

SEC. 3. *And be it further enacted*, That this act shall be and continue in force for the term of three years, and from thence to the end of the next session of Congress, and no longer.

Approved, March 19, 1792.

May 12, 1796.
Vol. 1, p. 463.
[Expired.]

CHAP. 26.—An Act declaring the consent of Congress to a certain Act of the State of Maryland, and to continue an act declaring the assent of Congress to certain Acts of the States of Maryland, Georgia and Rhode Island and Providence Plantations, so far as the same respects the States of Georgia, and Rhode Island and Providence Plantations.

Consent of Congress to a certain act of Maryland empowering the wardens of the port of Baltimore

SECTION 1. *Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That the consent of Congress be, and is hereby granted and declared to the operation of an act of the Gen-

eral Assembly of Maryland, made and passed at a session begun and held at the city of Annapolis, on the first Monday of November, in the year one thousand seven hundred and ninety-one, intituled "An act empowering the wardens of the port of Baltimore to levy and collect the duty therein mentioned."

to levy and collect the duty therein mentioned.

SEC. 2. *And be it further enacted*, That the act intituled "An act declaring the assent of Congress to certain acts of the States of Maryland, Georgia and Rhode Island and Providence Plantations," shall be continued, and is hereby declared to be in full force, so far as the same respects the states of Georgia and Rhode Island and Providence Plantations.

Part of the act declaring the assent of Congress to certain acts of the States of Maryland, Georgia, and Rhode Island continued in force.
1790, ch. 43.
1800, ch. 15.

SEC. 3. *And be it further enacted*, That this act shall be, and continue in force for the term of three years, and from thence to the end of the next session of Congress thereafter, and no longer.

Approved, May 12, 1796.

CHAP. 21.—An Act declaring the consent of Congress to an act of the Commonwealth of Massachusetts.

Mar. 27, 1798.
Vol. 1, p. 546.

Consent of Congress to an act of the commonwealth of Massachusetts.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of Congress be and hereby is granted and declared to the operation of an act of the legislature of the commonwealth of Massachusetts made and passed the second day of February, one thousand seven hundred and ninety-eight, intituled "An act to incorporate Tobias Lord, Oliver Keating, Thatcher Godard and others for the purpose of keeping in repair a pier, at the mouth of Kennebunk river, and to grant them a duty for reimbursing the expense of erecting the same."

Approved, March 27, 1798.

CHAP. 15.—An act declaring the assent of Congress to certain acts of the States of Maryland and Georgia.

Mar. 17, 1800.
Vol. 2, p. 18.

[Expired.]

The consent of Congress granted to the act of the State of Maryland mentioned; and to so much of an act of the State of Georgia, &c.
1808, ch. 47.
1814, ch. 60.
1822, ch. 29.

SECTION 1. *Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That the consent of Congress be, and hereby is granted to the operation of an act of the General Assembly of the state of Maryland, passed on the twenty-sixth day of December, one thousand seven hundred and ninety-one, entitled "An act empowering the wardens of the port of Baltimore to levy and collect the duty therein mentioned," and also to so much of an act of the state of Georgia, passed February the tenth, one thousand seven hundred and eighty-seven, entitled "An act for regulating the trade, laying duties on all goods, wares, liquors, merchandise and negroes imported into this state; and also an impost on the tonnage of shipping, and for other purposes therein mentioned," as authorizes a duty of three pence per ton on all shipping en-

Act of Jan. 19, 1861, ch. 11.

tering the port of Savannah, to be set apart as a fund for clearing the river Savannah.

Limitation of this act to Mar. 3, 1808.

SEC. 2. *And be it further enacted*, That this act shall be, and continue in force until the third day of March, one thousand eight hundred and eight, and no longer.

Approved, March 17, 1800.

April 6, 1802. Vol. 2, p. 150.

CHAP. 20.—An Act authorizing the erection of certain Lighthouses; and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, *

* * * * *

Sum appropriated for public piers in Delaware River.

SEC. 8. *And be it further enacted*, That it shall be lawful for the Secretary of the Treasury, under the direction of the President of the United States, to cause to be expended, in repairing and erecting public piers, in the river Delaware, a sum not exceeding thirty thousand dollars; and that the same be paid out of any moneys in the treasury, not otherwise appropriated: *Provided*, that the jurisdiction of the site where any such piers may be erected, shall be first ceded to the United States, according to the conditions in such case by law provided.

On what conditions.

Approved, April 6, 1802.

Mar. 16, 1804. Vol. 2, p. 269.

CHAP. 22.—An Act declaring the assent of Congress to an act of the General Assembly of Virginia, therein mentioned.

The assent of Congress to an act of Virginia for improving the navigation of James River, &c.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the assent of Congress is hereby given and declared to an act of the general assembly of Virginia, intituled "An act for improving the navigation of James River," which act was passed on the twenty-third day of January, in the year one thousand eight hundred and four.

Approved, March 16, 1804.

Mar. 1, 1805. Vol. 2, p. 316.

CHAP. 21.—An Act making appropriations for the support of Government, for the year one thousand eight hundred and five.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That * * * the following sums be, and the same hereby are respectively appropriated; that is to say:

* * * * *

Reviving unexpended balances.

For reviving so much of unexpended balances of appropriations granted by an act passed the sixth of April, one thousand eight hundred and two, and which have been carried to the surplus fund, to wit:

Piers in Delaware River.

For erecting public piers in the river Delaware, five thousand eight hundred and eighty-eight dollars, and seventy-nine cents.

* * * * *

Approved, March 1, 1805.

CHAP. 12.—An Act declaring the consent of Congress to an Act of the State of Pennsylvania, intituled "An act to empower the board of wardens, for the port of Philadelphia, to collect a certain duty on tonnage, for the purposes therein mentioned."

Feb. 28, 1806.
Vol. 2, p. 353.

Assent of Congress to an act of the legislature of Pennsylvania, laying a duty on tonnage.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of Congress be, and it is hereby granted and declared to the operation of an Act of the legislature of Pennsylvania, passed on the first day of April, in the year one thousand eight hundred and five, intituled "An act to empower the board of wardens, for the port of Philadelphia, to collect a certain duty on tonnage, for the purposes therein mentioned," so far as to enable the state of Pennsylvania to collect a duty of four cents per ton, on all vessels which shall clear out from the port of Philadelphia for any foreign port or place whatever, to be expended in building piers in, and otherwise improving the navigation of the river Delaware, agreeably to the intentions of the said act.

Approved, Feb. 28, 1806.

CHAP. 33.—An Act making appropriations for the support of Government for the year one thousand eight hundred and six.

April 18, 1806.
Vol. 2, p. 384.

Objects of appropriation.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for the expenditure of the civil list, in the present year, including the contingent expenses of the several departments and officers; * * * * *

and for satisfying certain miscellaneous claims; the following sums be, and the same hereby are respectively appropriated, that is to say:

* * * * *

Piers in Delaware River.

For the payment of a commission of two and a half per-cent. to the commissioners who superintended the erection of public piers in the river Delaware, four hundred and forty-eight dollars and seventy-one cents.

* * * * *

1790, ch. 34.

SEC. 2. *And be it further enacted*, That the several appropriations hereinbefore made, shall be paid and discharged out of the fund of six hundred thousand dollars, reserved by an act making provision for the debt of the United States, and out of monies in the treasury, not otherwise appropriated.

Approved, April 18, 1806.

CHAP. 47.—An Act to revive and continue in force "An act declaring the assent of Congress to certain acts of the States of Maryland and Georgia."

April 20, 1806.
Vol. 2, p. 484.

[Expired.]

Act of Mar. 17, 1800, ch. 15, revived and continued in force until Mar. 3, 1814.
1800, ch. 15.
1814, ch. 60.
Act of Jan. 19, 1861, ch. 11.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the act which passed the seventeenth day of March, in the year one thousand eight hundred, intituled "An act declaring the assent of Congress, to certain acts of the states of Maryland and Georgia," be, and the same is hereby revived

and continued in force until the third day of March, one thousand eight hundred and fourteen.

Approved, April 20, 1808.

Feb. 10, 1809. Vol. 2, p. 516.

CHAP. 15.—An Act making appropriations to complete the fortifications commenced for the security of the seaport towns and harbors of the United States, and to defray the expense of deepening and extending to the river Mississippi, the canal of Carondelet.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, * * *

* * * * *

Canal of Carondelet, to be made under the direction of the President.

SEC. 2. *And be it further enacted*, That the President of the United States be, and he is hereby authorized to cause the canal of Carondelet, leading from Lake Ponchartrain, by way of the Bayou St. John, to the city of New Orleans, to be extended to the river Mississippi, and made sufficiently deep throughout to admit an easy and safe passage to gunboats, if, upon survey thereof, he shall be convinced that the same is practicable, and will conduce to the more effectual defense of said city; and that for the purpose of defraying the expense thereof, there be, and hereby is appropriated the sum of twenty-five thousand dollars, to be paid out of any monies in the treasury not otherwise appropriated.

Appropriation.

Approved, February 10, 1809.

April 16, 1814. Vol. 3, p. 125.

CHAP. 60.—An Act to revive and continue in force "An act declaring the assent of Congress to certain acts of the States of Maryland and Georgia."

Act of Mar. 17, 1800, ch. 15, continued in force until Mar. 3, 1822.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the act which passed the seventeenth day of March, in the year one thousand eight hundred, entitled "An act declaring the assent of Congress to certain acts of the states of Maryland and Georgia," be, and the same is hereby revived and continued in force until the third day of March, one thousand eight hundred and twenty-two: *Provided*, That nothing herein contained shall authorize the demand of a duty on tonnage, on vessels propelled by steam, employed in the transportation of passengers.

1822, ch. 29. Act Jan. 19, 1861, ch. 11.

Approved, April 16, 1814.

April 26, 1816. Vol. 3, p. 301.

CHAP. 77.—An Act declaring the assent of Congress to an act of the general assembly of the state of Virginia.

The assent of Congress given to an act of the general assembly of Virginia, for improving the navigation of James River.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the assent of Congress is hereby given and declared to an act of the General Assembly of Virginia, entitled "An act incorporating a company for the purpose of improving the navigation of James river from Warwick to Rockett's landing," which act was passed on the twenty-second day of February, in the year one thousand eight hundred and sixteen.

Approved, April 26, 1816.

CHAP. 18.—An Act making appropriations for the military service of the United States for the year eighteen hundred and nineteen.

Feb. 15, 1819.
Vol. 3, p. 480.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively, appropriated:

[Obsolete.]
Sums appropriated for the—

* * * * *

For making a survey of the water courses tributary to, and west of, the Mississippi; also those tributary to the same river, and northwest of the Ohio; six thousand five hundred dollars.

survey of water-courses.

* * * * *

SEC. 2. *And be it further enacted*, That the several appropriations hereinbefore made, shall be paid out of any moneys in the Treasury not otherwise appropriated.

The moneys to be paid out of the Treasury.

Approved, February 15, 1819.

CHAP. 47.—An Act to enable the people of the Alabama territory to form a constitution and state government, and for the admission of such state into the Union on an equal footing with the original states.

Mar. 2, 1819.
Vol. 3, p. 489.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the inhabitants of the territory of Alabama be, and they are hereby, authorized to form for themselves a constitution and state government, and to assume such name as they may deem proper; and that the said territory, when formed into a state, shall be admitted into the union, upon the same footing with the original states, in all respects whatever.

The inhabitants of Alabama authorized to form a constitution and State government.

To be admitted into the Union.

* * * * *

SEC. 6. *And be it further enacted*, That the following propositions be, and the same are hereby, offered to the convention of the said territory of Alabama, when formed, for their free acceptance or rejection, which, if accepted by the convention, shall be obligatory upon the United States.

Propositions offered to the convention; to be obligatory if accepted.

* * * * *

Third. That five per cent. of the net proceeds of the lands lying within the said territory, and which shall be sold by Congress, from and after the first day of September, in the year one thousand eight hundred and nineteen, after deducting all expenses incident to the same, shall be reserved for making public roads, canals, and improving the navigation of rivers, of which three-fifths shall be applied to those objects within the said state, under the direction of the legislature thereof, and two-fifths to the making of a road or roads leading to the said state, under the direction of Congress.

Five per cent. of net proceeds of land sold after Sept. 1, 1819, to be reserved for making public roads, canals, &c.

* * * * *

Approved, March 2, 1819.

April 14, 1820. Vol. 3, p. 562.

CHAP. 45.—An Act making appropriations for the military service of the United States, for the year one thousand eight hundred and twenty.

Sums appropriated for—

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectfully, appropriated:

* * * * *

survey of water courses.

For making a survey of the water courses tributary to, and west of, the Mississippi, also those tributary to the same river and northwest of the Ohio, four thousand five hundred dollars.

Survey, maps, and charts of the Ohio and Mississippi.

For making a survey, maps, and charts, of the Ohio and Mississippi rivers, from the rapids of the Ohio at Louisville, to the Balize, for the purpose of facilitating and ascertaining the most practicable mode of improving the navigation of those rivers, five thousand dollars.

* * * * *

Out of money in the Treasury.

SEC. 2. *And be it further enacted*, That the several appropriations hereinbefore made, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, April 14, 1820.

May 1, 1820. Vol. 3, p. 567.

CHAP. 52.—An Act in addition to the several acts for the establishment and regulation of the Treasury, War, and Navy Departments.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

No contracts to be made except under authority of law or an adequate appropriation.

SEC. 6. *And be it further enacted*, That no contract shall hereafter be made by the Secretary of State, * * or of the Department of War, * * except under a law authorizing the same, or under an appropriation adequate to its fulfilment; * * *

No land to be purchased for U. S. except under authority of law.

SEC. 7. *And be it further enacted*, That no land shall be purchased on account of the United States, except under a law authorizing such purchase.

* * * * *

Approved, May 1, 1820.

Mar. 3, 1821. Vol. 3, p. 634.

CHAP. 36.—An Act making appropriations for the support of the Navy of the United States, for the year one thousand eight hundred and twenty-one.

Sums appropriated for—

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That, for defraying the expenses of the navy, for the year one thousand eight hundred and twenty-one, the following sums be, and the same are hereby, respectively appropriated:

* * * * *

removing obstructions in river Thames.

For the purpose of enabling the Secretary of the Navy to remove obstructions placed in the river Thames, in Connecticut, by the commander of the American ships, during the late war, one hundred and fifty dollars.

SEC. 2. *And be it further enacted*, That the several appropriations hereinbefore made, shall be paid out of any money in the treasury not otherwise appropriated.

Out of money in the Treasury.

Approved, March 3, 1821.

CHAP. 52.—An Act to authorize the building of lighthouses therein mentioned, and for other purposes.

Mar. 3, 1821. Vol. 3, p. 648.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

SEC. 4. *And be it further enacted*, That the President of the United States be, and he is hereby, authorized and requested to cause such an examination or survey of the Isles of Shoals, on the coast of New Hampshire and Maine, to be made, by proper and intelligent persons, as may be requisite to ascertain the expediency and practicability of repairing the sea-wall, at Smutty Nose island, and of building a sea-wall between said island and Cedar island. And that the President be further requested in like manner, to ascertain the expediency of erecting a stone pier on Sunken rocks, in the harbour of Portsmouth, in the State of New Hampshire. And the President is hereby authorized to cause the sea-wall aforesaid to be repaired, and the pier aforesaid to be erected, by contract, under the direction of the collector of the district of Portsmouth, if, on the report of such persons, he shall deem it necessary. And the President is further requested to communicate to Congress, at their next session, the result of so much of the examination and survey, as relates to the expediency and practicability of building the sea-wall aforesaid: *Provided*, That no money shall be expended in erecting the pier aforesaid, until the jurisdiction of the site thereof shall be ceded by the State of New Hampshire to the United States.

President requested to cause a survey of the Isles of Shoals, examination of the sea-wall at Smutty Nose Island, &c.

1822, ch. 119.

President authorized to cause the sea-wall to be repaired, if, &c.

Result to be communicated to Congress.

Proviso: no money to be expended till cession, &c.

SEC. 5. *And be it further enacted*, That a sum, not exceeding two thousand five hundred dollars, is hereby appropriated for the purposes aforesaid; to be paid out of any money in the treasury not otherwise appropriated.

$2,500 appropriated for the purposes, &c.

Approved, March 3, 1821.

CHAP. 29.—An Act to revive and continue in force "An act declaring the assent of Congress to certain acts of the states of Maryland and Georgia."

April 20, 1822. Vol. 3, p. 665.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress asembled, That the act passed the seventeenth day of March, in the year one thousand eight hundred, entitled "An act declaring the assent of Congress to certain acts of the states of Maryland and Georgia," and which, by subsequent acts, has been revived and continued in force until the third day of March, eighteen hundred and twenty-two, be, and the same hereby is, revived and continued in force until the third day of

Act of Mar. 17, 1800, ch. 15, declaring the assent of Congress to certain acts of the States of Maryland and Georgia, revived and continued.

Proviso.
1828, ch. 15.
Act Jan. 19, 1861, ch. 11.

March, one thousand eight hundred and twenty-eight: *Provided*, That nothing herein contained shall authorize the demand of a duty on tonnage on vessels propelled by steam employed in the transportation of passengers.

Approved, April 20, 1822.

May 7, 1822.
Vol. 3, p. 698.

CHAP. 119.—An Act to authorize the building of lighthouses therein mentioned, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

The Secretary of the Treasury to provide by contract, &c., for building a sea-wall, &c., at the Isles of Shoals, &c.

SEC. 5. *And be it further enacted*, That the Secretary of the Treasury be, and he hereby is, authorized to provide, by contract, to be approved by the President of the United States, for building a sea-wall or pier at the Isles of Shoals, between Cedar Island and Smutty-Nose Island, on the coast of New Hampshire and Maine, conformably to the report of the commissioners appointed under the fourth section of the act passed the third day of March, one thousand eight hundred and twenty-one, entitled "An act to authorize the building of lighthouses therein mentioned, and for other purposes," and that a sum, not exceeding eleven thousand five hundred dollars, is hereby appropriated for the purpose aforesaid, to be paid out of any moneys in the treasury not otherwise appropriated.

1821, ch. 52.

Two piers to be erected by contract at a place called the Shears, near Cape Henlopen, &c., if, &c.

SEC. 6. *And be it further enacted*, That the Secretary of the Treasury be authorized and required to cause to be erected in the Bay of Delaware, at or near a place called the Shears, near Cape Henlopen, by contract or contracts, to be approved by the President of the United States, two piers of sufficient dimensions to be a harbor or shelter for vessels from the ice, if, after a survey made under his direction, the measure shall be deemed expedient; *And provided*, That the jurisdiction of the site where such piers may be erected, shall be first ceded to the United States, according to the conditions in such case by law provided; and that, for the purpose of carrying the same into effect, there be appropriated the sum of twenty-two thousand seven hundred dollars, to be paid out of any moneys in the treasury not otherwise appropriated.

The jurisdiction of the site to be first ceded.

* * * * *

Approved, May 7, 1822.

Mar. 3, 1823.
Vol. 3, p. 780.

CHAP. 56.—An Act to authorize the building of lighthouses, light vessels, and beacons, therein mentioned, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United of America, in Congress assembled,

* * * * *

President to cause an examination and survey to be made of the obstructions between the harbor of Gloucester and that of Squam, in Mass.

SEC. 3. *And be it further enacted*, That the President of the United States be, and he is hereby, authorized to cause such an examination and survey to be made of the obstruction between the harbour of Gloucester and the harbour of Squam, in the State of Massachusetts, as may be requisite

to ascertain the expediency of removing such obstruction; and the President is hereby authorized to cause such obstruction to be removed, by contract or otherwise, under the direction of the collector of the district of Gloucester, if, from the report of persons he may appoint to examine and survey the same, he shall deem it expedient; and a sum, not exceeding six thousand dollars, is hereby appropriated for that purpose, to be paid out of any money in the treasury not otherwise appropriated.

Appropriation.

SEC. 4. *And be it further enacted, by the authority aforesaid,* That the sum of one hundred and fifty dollars be, and the same is hereby, appropriated, to be paid out of any money in the treasury, not otherwise appropriated, to enable the President of the United States, to cause the entrance of the harbour of the port of Presque Isle, in Pennsylvania, to be examined and surveyed by one of the Topographical Engineers of the United States, whose duty it shall be to make a probable estimate of the expense of removing the obstructions, and report on the best manner of removing them, and the effect of such removal on the channel in future.

Appropriation for examination and survey of port Presque Isle.

Approved, March 3, 1823.

CHAP. 46.—An Act to procure the necessary surveys, plans, and estimates, upon the subject of roads and canals.

April 30, 1824. Vol. 4, p. 22.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the President of the United States is hereby authorized to cause the necessary surveys, plans, and estimates, to be made of the routes of such roads and canals as he may deem of national importance, in a commercial or military point of view, or necessary for the transportation of the public mail; designating, in the case of each canal, what parts may be made capable of sloop navigation: the surveys, plans, and estimates, for each, when completed, to be laid before Congress.

The President to cause the necessary surveys, &c., to be made of such roads and canals as he may deem of national importance, &c.

SEC. 2. *And be it further enacted,* That, to carry into effect the objects of this act, the President be, and he is hereby, authorized to employ two or more skilful civil engineers, and such officers of the corps of engineers, or who may be detailed to do duty with that corps, as he may think proper; and the sum of thirty thousand dollars be, and the same is hereby, appropriated, to be paid out of any moneys in the treasury, not otherwise appropriated.

Two or more skillful engineers to be employed.

Approved, April 30, 1824.

CHAP. 65.—An Act declaring the consent of Congress to certain acts of the state of Alabama.

May 13, 1824. Vol. 4, p. 23.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the consent of Congress be, and hereby is, granted to the operation of an act of the general assembly of the State of Alabama, passed on the thirtieth of December, one thousand

Consent of Congress given to the acts of the general assembly of Alabama of Dec. 30 and 31, 1823.

eight hundred and twenty-three, entitled "An act to improve the navigation of the Coosa river, and to aid in its connection with the Tennessee waters;" and, also, to an act, passed on the thirty-first of December, one thousand eight hundred and twenty-three, entitled "An act to improve the navigation of the Tennessee river."

Approved, May 13, 1824.

May 24, 1824. Vol. 4, p. 32.

CHAP. 139.—An Act to improve the navigation of the Ohio and Mississippi rivers.

1832, ch. 158.

The President authorized to cause the navigation of the Ohio River to be improved.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the President of the United States be, and he is hereby, authorized to cause the navigation of the Ohio river to be improved over the following sand bars, or either of them, at his discretion, to wit:

The sand bar which crosses said river, one mile and a quarter below Flint Island;

The sand bar two miles above French Island;

The bar just below Henderson;

The bar below Straight Island;

The bar below Willow Island, in the Mississippi bend;

And the bar opposite to lower Smithland, below Cumberland Island;

And, for the purpose of ascertaining and directing the best method of carrying the provisions of this act into effect, he may employ any of the engineers in the public service which he may deem proper: *Provided, nevertheless*, That two experiments shall first be made upon two of the said bars, and if in his judgment they shall be successful, then, and not otherwise, he is hereby authorized to cause improvements to be made upon the remaining bars.

Proviso.

The President of the United States to take effectual measures to render the navigation of the Mississippi and Ohio safe.

SEC. 2. *And be it further enacted*, That, for the purpose of improving the navigation of the Mississippi river, from the mouth of the Missouri to New Orleans, and of the Ohio river from Pittsburg to its junction with the Mississippi, the President of the United States is hereby authorized to take prompt and effectual measures for the removal of all trees which may be fixed in the bed of said river; and, for this purpose, he is authorized to procure and provide, in that way which in his discretion may be most eligible, the requisite water craft, machinery, implements, and force, to raise all such trees, commonly called "planters, sawyers, or snags," as may be found in the current of the said rivers at the lowest stage of water, and to saw or cut them off, as near as practicable to the bottom of the stream; and where trees are found upon sand-bars, upon the points of islands, or near the bank of the river, which may, at the lowest stage of the water, endanger the safety of navigating said rivers, they shall in like manner be cut, removed, or sawed off; and all roots or limbs, belonging to those parts of said trees, which are fastened in the earth, shall be carefully cut away.

SEC. 3. *And be it further enacted*, That, for the purpose of carrying into effect the provisions of this act, the sum of seventy-five thousand dollars be, and is hereby, appropriated. And the President of the United States is hereby authorized to draw, from time to time, on the Treasury, for such parts, or at any one time for the whole, of said sum, as he shall judge the service requires; which said sum shall be paid out of any money in the Treasury not otherwise appropriated.

$75,000 appropriated.

SEC. 4. *And be it further enacted*, That the President be, and he is hereby, requested to cause to be laid before Congress, as soon as convenience will permit after the commencement of each session, a statement of the proceedings under this act, that Congress may be enabled to adopt such further measures as may, from time to time, be necessary under existing circumstances.

The President to lay before Congress at the commencement of each session a statement of the proceedings.

Approved, May 24, 1824.

CHAP. 153.—An Act making appropriations for deepening the channel leading into the harbor of Presque Isle, and for repairing Plymouth Beach.

May 26, 1824. Vol. 4, p. 38.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums of money be, and the same are hereby, appropriated, out of any moneys in the treasury not otherwise appropriated, and placed at the disposition of the President of the United States, for the purpose of accomplishing the objects hereinafter mentioned, to wit:

$20,000 appropriated for deepening the channel leading into the harbor of Presque Isle, and $20,000 to repair Plymouth Beach, Massachusetts.

The sum of twenty thousand dollars, for making or deepening the channel, leading into the harbor of Presque Isle, in the State of Pennsylvania;

And the sum of twenty thousand dollars, to repair Plymouth Beach, in the State of Massachusetts, and thereby prevent the harbour at that place, from being destroyed.

Approved, May 26, 1824.

CHAP. 11.—An Act making appropriations for the military service of the United States, for the year one thousand eight hundred and twenty-five.

Feb. 21, 1825. Vol. 4, p. 82.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively, appropriated for the military service of the United States, for the year one thousand eight hundred and twenty-five, to wit:

* * * * *

For making surveys, and carrying on the operations of the board of engineers, in relation to internal improvements, and in addition to an unexpended balance on hand, twenty-eight thousand five hundred and sixty-seven dollars.

Appropriation for board of engineers on internal improvements.

* * * * *

Approved, February 21, 1825.

Mar. 2, 1825. Vol. 4, p. 92.

CHAP. 15.—An Act making appropriations for certain fortifications of the United States, for the year one thousand eight hundred and twenty-five.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to wit: For fortifications, to each specifically, as follows:

* * * * *

For the preservation of the islands in Boston Harbor.

For the preservation of the islands in Boston harbour, necessary to the security of that place, fifty-two thousand nine hundred and seventy-two dollars and fifty-six cents,

Proviso.

Provided, however, That the right of soil of said islands shall be first vested in the United States.

* * * * *

Approved, March 2, 1825.

Mar. 3, 1825. Vol. 4, p. 94.

CHAP. 20.—An Act declaring the assent of Congress to an act of the general assembly of Virginia, therein mentioned.

Assent of Congress given to the act of general assembly of Virginia of Dec. 8, 1824.

Navigation of the Appomattox.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the assent of Congress is hereby given and declared to an act of the general assembly of Virginia, entitled "An act incorporating a company for the purpose of improving the navigation of the Appomattox river, from Pocahontas bridge to Broadway," passed on the eighth day of December, one thousand eight hundred and twenty-four.

Approved, March 3, 1825.

March 3, 1825. Vol. 4, p. 124.

CHAP. 76.—An Act authorizing the subscription of stock in the Chesapeake and Delaware Canal Company.

Secretary of the Treasury authorized to subscribe for 1,500 shares of the capital stock of the Chesapeake and Delaware Canal Company.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, authorized and directed to subscribe, in the name and for the use of the United States, for one thousand five hundred shares of the capital stock of the Chesapeake and Delaware Canal Company, and to pay for the same, at such times, and in such proportions, as may be required by the said company, out of the dividends which may grow due to the United States upon their bank stock in the Bank of the United States.

The Secretary of the Treasury to vote for the president and directors of said company.

SEC. 2. *And be it further enacted*, That the said Secretary of the Treasury shall vote for president and directors of the said company, according to such number of shares, and shall receive upon the said stock, the proportion of the tolls which shall from time to time, be due to the United States for the shares aforesaid.

Approved, March 3, 1825.

CHAP. 113.—An Act to authorize the building of lighthouses and light vessels, and beacons, and monuments, therein mentioned; and for other purposes.

Mar. 3, 1825.
Vol. 4, p. 133.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

SEC. 2. *And be it further enacted,* That there be appropriated, out of any money in the treasury not otherwise appropriated, the following sums of money, to wit:

Appropriations.

* * * * *

For completing the work to secure Plymouth Beach, in the state of Massachusetts, five thousand seven hundred and twelve dollars.

For work at Plymouth Beach, $5,712.

For erecting a pier at the mouth of Cayahoga River, in the state of Ohio, five thousand dollars;

Pier at mouth Cuyahoga River, Ohio.

And for completing the pier at the mouth of Grand River, in the same state, one thousand dollars.

Pier at mouth Grand River Ohio.

And for surveys to be made under the direction of the President of the United States, for the following purposes, to wit:

Survey for piers at Marblehead and Holmes' Hole, Mass.

To ascertain the practicability and necessity of constructing a pier, at the mouth of the harbour of Marblehead, for the security of shipping;

And also a pier in the harbour of Holmes' Hole, for the same object, in the state [of] Massachusetts, the sum of four hundred dollars.

Approved, March 3, 1825.

CHAP. 9.—An Act for the survey of a route for a Canal between the Atlantic and the Gulf of Mexico.

Mar. 3, 1826.
Vol. 4, p. 139.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the President of the United States be, and he is hereby, authorized to cause to be made an accurate and minute examination of the country south of the St. Mary's river, and including the same, with a view to ascertain the most eligible route for a canal, admitting the transit of boats, to connect the Atlantic with the Gulf of Mexico, and also, with a view to ascertain the practicability of a ship channel;

The President of the United States authorized to cause to be made an examination south of the Saint Mary's River, with a view to ascertain the most eligible route for a canal to connect the Atlantic with the Gulf of Mexico,

That he cause particularly to be examined the route from the St. Mary's river to the Appalachicola river or bay, and from the St. John's river to the Vassasousa bay, with a view to both the above objects;

That he cause the necessary surveys, both by land and along the coast, with estimates of the expense of each, accompanied with proper plans, notes, observations, explanations and opinions, of the board of engineers, and that he cause a full report of these proceedings to be made to Congress; and to carry the same into effect, the sum of twenty thousand dollars be, and the same is hereby, appropriated, out of any money in the treasury not otherwise appropriated.

Appropriation.

Approved, March 3, 1826.

Mar. 14, 1826. Vol. 4, p. 149.

CHAP. 15.—An Act to authorize the legislature of the state of Mississippi to appropriate the amount of the three per cent. fund, arising from the sales of public lands.

Three-fifths of the five per cent. fund arising from the sale of public lands may be applied to the making of roads, improving rivers, &c.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That three fifths of the five per cent. fund, arising from the net proceeds of the sales of public lands, within the state of Mississippi, may be appropriated by the legislature thereoff to the making of public roads and canals, and to the improvement of the navigation of rivers and bays, within said state.

Approved, March 14, 1826.

Mar. 25, 1826. Vol. 4, p. 150.

CHAP. 17.—An Act making appropriations for the military service of the United States, for the year one thousand eight hundred and twenty-six.

Specific appropriations for the year 1826.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively appropriated, for the military service of the United States, for the year one thousand eight hundred and twenty-six, to wit:

* * * * *

Repair of Plymouth Beach.

For completing the repair of Plymouth beach, thirteen thousand one hundred and eighty-four dollars and ninety cents.

* * * * *

Harbor of Presque Isle.

For completing the works for deepening the channel of entrance into the harbour of Presque Isle, seven thousand dollars.

Surveys, &c., for roads and canals.

For the defraying the expenses incidental to making examinations, surveys, preparatory to, and in aid of, the formation of roads and canals, fifty thousand dollars.

* * * * *

Approved, March 25, 1826.

May 13, 1826. Vol. 4, p. 162.

CHAP. 40.—An Act to authorize a subscription for stock, on the part of the United States, in the Louisville and Portland Canal Company.

Secretary of the Treasury to subscribe for, in the name of the United States, 1,000 shares of the capital stock of the Louisville and Portland Canal Company.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he hereby is, authorized and directed to subscribe for, or purchase, in the name, and for the use of the United States, not exceeding one thousand shares of the capital stock of the Louisville and Portland Canal Company, and to pay for the same, at such times, and in such proportions, as may be required of, and paid by other stockholders of said company, out of any money in the treasury not otherwise appropriated: *Provided*, Said shares can be procured for a sum not exceeding one hundred dollars each.

Proviso.

Secretary of the Treasury to vote for the president, &c., of said company.

SEC. 2. *And be it further enacted*, That the Secretary of the Treasury shall vote for president and directors of said company, according to such number of shares, and shall receive, upon the said stock, the proportion of the tolls which

shall, from time to time, be due to the United States, for the shares aforesaid.

Approved, May 13, 1826.

CHAP. 65.—An Act for the subscription of stock in the Dismal Swamp Canal Company.

May 18, 1826.
Vol. 4, p. 169.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, authorized and directed to subscribe, in the name and for the use of the United States, for six hundred shares of the capital stock of the Dismal Swamp Canal, and to pay for the same, at such times, and in such proportions, as may be required by the existing rules and regulations of the said company.

Secretary of the Treasury to subscribe for 600 shares of the capital stock of the Dismal Swamp Canal.

SEC. 2. *And be it further enacted, by the authority aforesaid,* That the Secretary of the Treasury shall vote for the president and directors of said company, according to said number of shares, and shall receive, upon said stock, the proportions of tolls and emoluments which shall, from time to time, become due to the United States, on the shares of stock aforesaid.

Secretary of the Treasury shall vote for president, &c.

SEC. 3. *And be it further enacted,* That this act shall not go into effect until the United States' board of engineers shall examine said canal, and make a report, in writing, to the Secretary of War, that, in their opinion, the plan on which the canal is to be executed, will answer, as far as circumstances will permit, as a part of the chain of canals contemplated along the Atlantic Coast, and that in their opinion, the sum hereby authorized to be subscribed for will be sufficient to finish the canal according to said plan: *And it is further provided,* That to carry this act into effect, the sum of one hundred and fifty thousand dollars is hereby appropriated, to be paid out of any money in the treasury not otherwise appropriated.

This act not to go into effect until the board of engineers shall examine said canal, and make report, in writing, to the Secretary of War.

$150,000 appropriated to carry this act into effect.

SEC. 4. *And be it further enacted,* That the money subscribed on behalf of the United States shall be actually expended in the completion of the canal, and not in the payment of any debt or debts now owing by the company; and it shall be the duty of the Secretary of the Treasury, before the payment of any part of the money subscribed on behalf of the United States, to adopt such measures as shall insure the application of the same to the completion of the said canal, according to the plan proposed, and to no other purpose whatsoever.

The money subscribed on behalf of the United States to be actually expended wholly in the completion of the canal.

Approved, May 18, 1826.

CHAP. 73.—An Act for authorizing the building of lighthouses and lightvessels, erecting beacon lights, placing buoys, removing obstructions in the river Savannah, and for other purposes.

May 18, 1826.
Vol. 4, p. 170.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

SEC. 2. *And be it further enacted,* That the following sums of money be, and the same are hereby, appropriated, to wit:

Sums appropriated.

* * * * *

Savannah River. In the State of Georgia, fifty thousand dollars, to be applied under the direction of the President of the United States, to remove obstructions in the river Savannah, below the city of Savannah;

* * * * *

SEC. 6. *And be it further enacted*, That the several appropriations herein made, shall be paid out of any money in the Treasury not otherwise appropriated.

Approved, May 18, 1826.

May 20, 1826. Vol. 4. p. 175.

CHAP. 78.—An Act for improving certain harbours, and the navigation of certain rivers and creeks, and for authorizing surveys to be made of certain bays, sounds, and rivers, therein mentioned.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums of moneybe, and the same are hereby, appropriated, to be applied under the direction of the President of the United States, to accomplish the purposes hereinafter mentioned, to wit:

Specific appropriations.

Maine: Steel's Ledge. In the state of Maine, one thousand two hundred dollars, for building a pier, on Steels' Ledge, near the harbour of Belfast.

Massachusetts: Provincetown Harbor. In the state of Massachusetts, three thousand five hundred dollars, for the preservation of the point of land forming Provincetown harbour.

New York: Buffalo Creek. In the state of New York, fifteen thousand dollars, for building a pier, and repairing the old one, at the mouth of Buffaloe Creek;

Sackett's Harbor. And three thousand dollars for cleaning out and deepening the harbour of Sackett's Harbour.

Delaware: Piers at New Castle. In the state of Delaware, twenty-two thousand dollars for building piers, at proper sites, in the river Delaware, at New Castle, and three thousand dollars for repairing the old piers at the same place, and deepening the water around them.

Ohio: Grand River. In the state of Ohio, five thousand six hundred and twenty dollars, to remove obstructions at the mouth of Grand River;

Ashtabala Creek. Twelve thousand dollars for the same purpose, at the mouth of Ashtabula Creek;

Cunningham Creek. Two thousand dollars for the same purpose, at the mouth of Cunningham Creek;

Huron River. And five thousand dollars for the same purpose, in Huron River;

Survey of Sandusky Bay. And four hundred dollars for making a survey of Sandusky Bay, to ascertain the expediency and expense of constructing piers, to improve the navigation thereof, and of placing buoys therein.

Maine: Survey of Piscataqua River. In the state of Maine, two hundred dollars for making a survey to ascertain the practicability and utility of removing obstructions to navigation in Pisquataqua river, and the expense of effecting the same.

In the state of Massachusetts, five hundred dollars for making surveys of the following places, to wit:

Massachusetts: Surveys at—Edgartown.

The flat on the northwest side of the harbour of Edgartown, to ascertain the practicability of building a light-house thereon, and the utility of the same to navigation, and of preventing the said harbour from being filled up with sand.

Mouth of Merrimack River.

Hyannis.

The bar at the mouth of Merrimack river, and the practicability of deepening the channel over the same, and the harbor of Hyannis, in the Vineyard Sound, to ascertain what improvements can be made in the same for the safe anchorage of vessels, and the expense of effecting, severally, these objects.

Connecticut: Survey of Saugatuck river and harbor.

In the state of Connecticut, four hundred dollars for making a survey of Saugatuck river and harbour, and to ascertain the expediency and expense of removing the obstructions to the navigation thereof, and of facilitating the commercial intercourse between the port of Saugatuck and the city of New York.

New York: Survey of Oswego bay and harbor. 1827, ch. 46.

In the state of New York, two hundred dollars for making a survey of Oswego bay and harbour, for ascertaining the expediency and expense of constructing piers, to improve the navigation thereof.

Pennsylvania: Survey of piers at Chester.

In the state of Pennsylvania, one hundred dollars, to defray the expense of a survey of the public piers at Chester, in the river Delaware, in order to determine the expediency of accepting the cession thereof made by the state of Pennsylvania, and the expense of repairing the same.

North Carolina: Surveys of the Swash in the Pamtico Sound.

In the state of North Carolina, one thousand dollars for making a survey of the Swash, in Pamtico Sound, near Ocracock Inlet, for the purpose of ascertaining whether the channel through the same can be deepened;

Cape Fear river, below Wilmington.

And also one of Cape Fear River, below the town of Walmington, [Wilmington], for the same purpose,

Roanoke Inlet and Sound.

And also for a survey of Roanoke Inlet and sound, with the view of ascertaining the practicability of making a permanent ship channel between Albemarle Sound and the Atlantic Ocean, at Roanoke Inlet, or elsewhere, and a statement of the costs of effecting, severally, these objects.

Alabama: Mobile harbor.

In the state of Alabama, a sum not exceeding ten thousand dollars, for the purpose of removing the obstructions and deepening the harbour of Mobile.

Michigan: La Plaisance bay. 1827, ch. 46.

In the territory of Michigan, two hundred dollars for making a survey of La Plaisance bay, to ascertain the expediency of improving the navigation thereof, and the expense of effecting the same.

Sums herein appropriated to be paid from the Treasury.

SEC. 2. *And be it further enacted*, That the several sums herein appropriated be, and the same are hereby, directed to be paid out of any money in the Treasury not otherwise appropriated.

Approved, May 20, 1826.

Mar. 2, 1827.
Vol. 4, p. 214.

CHAP. 29.—An Act making appropriations for the military service of the United States, for the year one thousand eight hundred and twenty-seven.

Sums respectively appropriated for the military service for 1827.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively appropriated for the military service of the United States, for the year one thousand eight hundred and twenty-seven, to wit:

* * * * * * *

Completing works, &c., of Presque Isle.

For completing the works and deepening the channel of entrance into the harbor of Presque Isle, to cover the expense of work done and to be done, which has not been contemplated by any appropriation heretofore made, two thousand dollars.

* * * * *

1824, ch. 46. Examinations and surveys.

For defraying the expenses incidental to making examinations and surveys, authorized by act of thirtieth of April, one thousand eight hundred and twenty-four, thirty thousand dollars.

Re-appropriations.

SEC. 2. *And be it further enacted*, That the following sums, being balances of appropriations heretofore made, and transferred to the surplus fund, be, and the same are hereby, reappropriated to the several objects hereinafter mentioned, to wit:

* * * * *

Navigation of the Ohio and Mississippi Rivers.

For improving the navigation of the Ohio and Mississippi rivers, forty-four thousand nine hundred and eleven dollars fifty-nine cents.

* * * * *

SEC. 3. *And be it further enacted*, That the several sums hereby appropriated shall be paid out of any money in the treasury not otherwise appropriated:

* * * * *

Approved, March 2, 1827.

Mar. 2, 1827.
Vol. 4, p. 227.

CHAP. 43.—An Act authorizing the completion and repair of certain roads in the Territory of Florida, and for other purposes.

President to cause to be opened a public road from the Georgia line by Saint Augustine.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the President of the United States be, and he is hereby, authorized to cause to be opened and repaired, in the territory of Florida, a public road, known by the name of the King's road, from the Georgia line, by Saint Augustine, to New Smyrna.

Troops of the United States in Florida to assist in opening and repairing the same.

SEC. 2. *And be it further enacted*, That the President be, and he is hereby, authorized to employ the troops of the United States, stationed in Florida, in such manner as he may think proper, in opening and repairing said road; and for defraying the expenses thereof, the sum of eleven thousand dollars is hereby appropriated.

SEC. 3. *And be it further enacted*, That the additional sum of five thousand dollars be, and the same is hereby, appropriated for the completion of the United States' military road from Pensacola to St. Augustine, by the construction of a bridge across the St. Sebastian's river, near St. Augustine;

Additional sum of $5,000 appropriated for the completion of United States military road from Pensacola to Saint Augustine by the construction of a bridge across the Saint Sebastian's River.

And that the further sum of six thousand dollars be, and and the same is hereby, appropriated, for the purpose of completing the road from Colerain, in Georgia, to Tampa Bay, in the territory of Florida;

And the appropriations aforesaid shall be paid out of any money in the treasury not otherwise appropriated.

SEC. 4. *And be it further enacted*, That if any part of the above appropriations shall remain unexpended, it shall be appropriated to opening the communication between Moscheto or Halifax and Indian rivers, in the line of communication to Cape Florida, described in the report of the engineer, appointed in pursuance of an act of Congress, of the twenty-eighth day of February, one thousand eight hundred and twenty-four, authorizing the survey of a military road from St. Augustine to Cape Florida.

Communication between Moscheto or Halifax and Indian Rivers. 1824, ch. 22.

Approved, March 2, 1827.

CHAP. 46.—An Act to authorize the improving of certain harbours, the building of piers, and for other purposes.

Mar. 2, 1827. Vol. 4, p. 228.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively appropriated, to be applied under the direction of the President of the United States, to accomplish the objects hereinafter mentioned; that is to say:

Sums respectively appropriated.

For improving Hyannis harbour, in the State of Massachusetts, a sum not exceeding ten thousand six hundred and fifty dollars.

Improving Hyannis Harbor.

For building two piers at the mouth of Oswego harbour in the State of New York, thirty-three thousand three hundred and forty-eight dollars and sixty-four cents; no part of which last-mentioned sum shall be expended until a contract shall have been made for completing said piers, agreeably to the plan proposed in a report made under the act of the twentieth of May last;

Building two piers at the mouth of Oswego Harbor. 1826, ch. 78.

And for erecting a pier by contract, at the mouth of Dunkirk harbour, in the State of New York, three thousand dollars.

Pier at the mouth of Dunkirk Harbor.

For improving Cleaveland harbour, in the State of Ohio, ten thousand dollars.

Improving Cleveland Harbor.

For improving the harbour at the mouth of Pascagoula river, in the state of Mississippi, and for removing the obstructions to the navigation of said river, eight thousand dollars.

Harbor at mouth of Pascagoula River.

For removing obstructions to the navigation of Saugatuck river, and protecting Saugatuck Harbour, by a suitable work, to prevent the washing of the sand from Cedar Point, into said harbour, a sum not exceeding fifteen hundred dollars.

Navigation of Saugatuck Harbor and River, &c.

Completing a pier at entrance of La Plaisance Bay. 1826, ch. 78.

For completing a pier at the entrance of La Plaisance bay, in the territory of Michigan, agreeably to the plan and estimate made under the act of the twentieth of May last, three thousand nine hundred and seventy-seven dollars and eighty-one cents.

Improvement of the harbor of Churches Cove.

For making a survey and examination to ascertain the expediency and expense of constructing piers to improve the harbour of Churches Cove, in the town of Little Compton, in the state of Rhode Island, two hundred dollars.

Erecting a pier in Stonington Harbor.

For making a survey and examination to ascertain the expediency and expense of erecting a pier in Stonington harbour, in the state of Connecticut, two hundred dollars.

Expense of an examination of the public piers at Port Penn, Marcus Hook, and Fort Mifflin.

For defraying the expense of an examination of the public piers at Port Penn, Marcus Hook, and Fort Mifflin, in the river Delaware, in the states of Pennsylvania and Delaware, in order to determine the expediency and expense of repairing and improving the same, one hundred dollars.

Survey of the Colbert Shoals.

For a survey of the Colbert Shoals, in the Tennessee river, to ascertain the nature of the obstructions, the practicability, the manner, and the expense of removing them, two hundred dollars.

Removing the obstructions to the navigation of the Kennebec River.

For removing the obstructions to the navigation of the Kennebec river, in the state of Maine, at Lovejoy's Narrows, four thousand dollars; no part of which sum shall be expended until a contract shall have been made for removing said obstructions, agreeably to the plan proposed by the engineer employed to make a survey of said narrows.

Erection of piers, &c., at and near Saco.

For the erection of piers, placing beacons or buoys, and removing obstructions at, and near, the entrance into the harbour of Saco in the state of Maine, a sum not exceeding seven thousand dollars.

Sums appropriated to be paid from the Treasury.

SEC. 2. *And be it further enacted*, That the several sums hereby appropriated, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 2, 1827.

Mar. 2, 1827. Vol. 4, p. 229.

CHAP. 47.—An Act to authorize the building of light houses and beacons, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

Secretary of the Treasury to accept from the State of Pennsylvania the cession of, &c.

SEC. 2. *And be it further enacted*, That the Secretary of the Treasury be, and he is hereby authorized to accept, from the state of Pennsylvania, the cession, to the United States, of the public piers, and the causeway leading thereto, which were built by said State, at Chester, in the Delaware river, and directed to cause said piers and causeway to be repaired by contract.

* * * * *

Sums appropriated.

SEC. 4. *And be it further enacted*, That the following sums be, and the same are hereby, appropriated to accomplish the objects specified in this act, that is to say:

* * * * *

For repairing the public piers and causeway at Chester, five thousand three hundred and eighty-three dollars and forty cents.

Public piers, &c., at Chester.

* * * * *

SEC. 5. *And be it further enacted*, That the sums hereby appropriated shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 2, 1827.

CHAP. 51.—An Act to grant a quantity of land to the State of Illinois, for the purpose of aiding in opening a canal to connect the waters of Illinois River with those of Lake Michigan.

March 2, 1827.
Vol. 4, p. 234.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and hereby is, granted to the State of Illinois, for the purpose of aiding the said State in opening a canal to unite the waters of the Illinois River with those of Lake Michigan, a quantity of land equal to one-half of five sections in width, on each side of said canal, and reserving each alternate section to the United States, to be selected by the commissioner of the land office, under the direction of the President of the United States, from one end of the said canal to the other; and the said lands shall be subject to the disposal of the legislature of the said State, for the purpose aforesaid, and no other: *Provided*, That the said canal, when completed, shall be and forever remain, a public highway for the use of the Government of the United States, free from any toll, or other charge, whatever, for any property of the United States, or persons in their service, passing through the same: *Provided*, That said canal shall be commenced within five years, and completed in twenty years, or the State shall be bound to pay to the United States the amount of any lands previously sold, and that the title to purchasers under the State shall be valid.

A certain quantity of land to be allowed for opening a canal to unite the waters of the Illinois River with those of Lake Michigan.

Proviso.

Proviso.

SEC. 2. *And be it further enacted*, That, so soon as the route of the said canal shall be located and agreed on by the said State, it shall be the duty of the governor thereof, or such other person or persons as may have been, or shall hereafter be, authorized to superintend the construction of said canal, to examine and ascertain the particular sections to which the said State will be entitled, under the provisions of this act, and report the same to the Secretary of the Treasury of the United States.

Duty of the governor of the State when the canal is located, etc.

SEC. 3. *And be it further enacted*, That the said State, under the authority of the legislature thereof, after the selection shall have been so made, shall have power to sell and convey the whole, or any part of the said land, and to give a title in fee simple therefor, to whomsoever shall purchase the whole, or any part thereof.

Power given to the legislature.

Approved, March 2, 1827.

Mar. 3, 1827. Vol. 4, p. 241.

CHAP. 92.—An Act for improving the navigation of the Ohio river.

Snags, &c., to be removed.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That all snags, sawyers, stumps, logs, and obstructions of every description, which tend to endanger the steamboat navigation of the Ohio river, at any navigable stages of the water, and which present themselves, and are to be found on the banks and sides of the river, shall be removed so that the navigation of said river, may be rendered at all times safe: and the same shall be done under the supervision and direction of the Secretary of War, and through the aid of some practical agent acquainted with the situation of the river, its respective bars, islands, and danderous [dangerous] places and parts; and he shall likewise cause the channel of said river, at a part usually called the Grand Chain, near its mouth, so to be deepened by a proper channel formed, that at the usual state of the water, steam boats may be enabled safely to pass and re-pass the same.

$30,000 appropriated.

SEC. 2. *And be it further enacted,* That, for carrying this act into effect, the sum of thirty thousand dollars be, and the same is hereby, appropriated, out of any money in the treasury not otherwise appropriated.

Approved, March 3, 1827.

Mar. 10, 1828. Vol. 4, p. 254.

CHAP. 15.—An Act to revive and continue in force "An Act declaring the assent of Congress to a certain Act of Maryland."

Act of Mar. 17, 1800, ch. 15, continued in force until Mar. 3, 1838.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the act passed the seventeenth day of March, in the year one thousand eight hundred, entitled "An Act declaring the assent of Congress to certain acts of the states of Maryland and Georgia," and which, by subsequent acts, has been revived and continued in force, until the third day of March, one thousand eight hundred and twenty-eight, be, and the same so far as relates to the act of Maryland, hereby is revived and continued in force, until the third day of March, one thousand eight hundred and thirty-eight: *Provided,* That nothing herein contained, shall authorize the demand of a duty on tonnage on vessels propelled by steam, employed in the transportation of passengers.

Proviso. 1838, ch. 34. Act Jan. 19, 1861, ch. 11.

Approved, March 10, 1828.

March 19, 1828. Vol. 4, p. 256.

CHAP. 18.—An Act making appropriations for certain fortifications of the United States, for the year one thousand eight hundred and twenty-eight.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated; to wit: for fortifications, to each specifically, as follows:

* * * * *

Preservation of islands in Boston Harbor.

For preservation of islands in Boston harbour, two thousand dollars.

SEC. 2. *And be it further enacted*, That the several sums, hereby appropriated, shall be paid out of any money in the treasury not otherwise appropriated.

To be paid from the Treasury.

Approved, March 19, 1828.

CHAP. 56.—An Act making appropriations for the improvement of certain harbours, the completion of the Cumberland road to Zanesville, the securing the lighthouse on the Brandywine Shoal, and the making of surveys.

May 19, 1828. Vol. 4, p. 275.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to wit:

* * * * *

To complete the removal of obstructions at the mouth of Grand river, in the state of Ohio, nine thousand one hundred and thirty-five dollars and eleven cents.

Removal of obstructions from Grand River.

To complete the removal of obstructions at the mouth of Huron river, in the state of Ohio, four thousand four hundred and thirteen dollars and thirty-five cents.

Removal of obstructions from Huron River.

To complete the erection of piers, at the mouth of Dunkirk harbour, in the state of New York, six thousand dollars.

Piers at Dunkirk Harbor.

* * * * *

To complete the building of two piers at the mouth of Oswego harbour, in the State of New York, authorized by an act of Congress, approved the twentieth [second] of March last, entitled "An act to authorize the improving of certain harbours, the building of piers, and for other purposes," nine thousand five hundred and eighty-three dollars and thirty-nine cents.

Two piers at the mouth of Oswego Harbor. Act of Mar. 2, 1827, ch. 46.

For deepening the channel of entrance, into the harbour of Presque Isle, six thousand two hundred and twenty-three dollars and eighteen cents.

For deepening the channel of entrance into the harbor of Presque Isle.

For completing the removal of obstructions at the mouth of Ashtabula Creek, Ohio, two thousand four hundred and three dollars and fifty cents.

Removal of obstructions in Ashtabula Creek, Ohio.

For completing the removal of obstructions at the mouth of Cunningham Creek, Ohio, one thousand five hundred and seventeen dollars and seventy-six cents.

Removal of obstructions of Cunningham Creek, Ohio.

For removing obstructions to the navigation of Kennebec river, at Lovejoy's Narrows, by removing the half tide and other rocks, in addition to the appropriation of last session, three thousand five hundred dollars.

Removing obstructions in Kennebec River.

* * * * *

For defraying the expenses incidental to making examinations and surveys, under the act of thirtieth April, one thousand eight hundred and twenty-four, thirty thousand dollars: *Provided*, That this appropriation shall not be construed into a Legislative sanction of any examination or survey which shall not be deemed of national importance, and within the provisions of the aforesaid act of the thirtieth April, one thousand eight hundred and twenty-four.

For defraying expenses incidental to making examinations, &c., under act of 30th April, 1824, ch. 46. Proviso.

To complete a pier adjacent to a pier at Buffalo, in the State of New York, thirty-four thousand two hundred and six dollars.

To complete a pier at Buffalo, N. Y.

To be paid out of any money in the Treasury.

SEC. 2. *And be it further enacted*, That the several sums, hereby appropriated, shall be paid out of any money in the Treasury not otherwise appropriated.

Approved, May 19, 1828.

May 23, 1828. Vol. 4, p. 288.

CHAP. 73.—An Act to authorize the improving of certain harbours, the building of piers, and for other purposes.

Sums respectively appropriated.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, respectively appropriated, to be applied under the direction of the President of the United States, to accomplish the objects hereinafter mentioned; that is to say:

For removing the sand bar at or near the mouth of Merrimack River, Mass.

For removing the sand bar at or near the mouth of Merimack river in the state of Massachusetts, by erecting piers, or other works, thirty-two thousand one hundred dollars.

For the preservation of Deer Island.

For the preservation of Deer island, in Boston Harbour, in the state of Massachusetts, eighty-seven thousand dollars.

Piers near Stonington Harbor, Connecticut.

Towards erecting piers, or other works, at or near Stonington harbour, in the state of Connecticut, for the purpose of making the same a good and secure harbour, twenty thousand dollars.

For repairing piers at Port Penn, &c.

For repairing the public piers at Port Penn, Marcus Hook, and fort Mifflin, four thousand four hundred and thirteen dollars.

For purchasing a dredging-machine, &c.

For purchasing a dredging machine, to be worked by steam, and employing the same for the removal of the shoals forming obstructions to the navigation near Ocracock Inlet, in the state of North Carolina, twenty thousand dollars.

For removing the sand bar in Black River, Ohio.

Towards removing the sand bar at or near the mouth of Black river, in the state of Ohio, by the erection of piers, or other works, seven thousand five hundred dollars.

Obstructions in Apalachicola River.

For removing obstructions in the Apalachicola river, in the territory of Florida, three thousand dollars.

For improving the navigation of Red River.

For improving the navigation of Red river, through, or around, that part of it called the Raft, situated in Louisiana and Arkansas, twenty-five thousand dollars, three thousand dollars in addition to a former appropriation for clearing out and deepening the harbor of Sackett's Harbour.

Sackett's Harbor.

Survey of the harbor of Nantucket, &c.

For making a survey of the harbour of Nantucket, and the passage leading to it, and an estimate of the cost of improving and making the harbour a good and secure one, three hundred dollars.

For survey of Genesee River, &c., New York.

For making a survey of Genessee river and harbour, in the state of New York, and estimates of the cost for improving the same, three hundred dollars.

For surveying the mouth of Sandy Creek.

For surveying the mouth of Sandy creek, which discharges itself into Mexico bay, on Lake Ontario, in the state of New York, for the purpose of constructing a harbour at that place, and ascertaining the cost of the same, three hundred dollars.

Survey of the southern shore of Lake Ontario.

For making a survey and examination of the southern shore of Lake Ontario, in the state of New York, between

Genessee and Oswego rivers, with a view to the improvement of the most accessible and commodious harbours on the frontier, by erecting piers, or other works, and estimates of the costs of the same, four hundred dollars.

For deepening the channel through the *pass au Heron*, near the Bay of Mobile, eighteen thousand dollars.

For deepening the Pass au Heron, Mobile.

For deepening the channel at the mouth of Pascagoula river, seventeen thousand five hundred dollars, in addition to the sum before appropriated for that object.

For deepening the Pascagoula River.

For surveying the obstructions to the navigation of the Wabash river, between its mouth and Eel river, five hundred dollars.

Obstructions to the navigation of the Wabash River.

Towards improving the navigation of the Mississippi and Ohio rivers, the sum of fifty thousand dollars.

Mississippi and Ohio Rivers.

For removing obstructions in the Berwick branch of the Piscataqua river, eight thousand dollars.

For removing obstructions in Berwick Branch.

For deepening the inland passage, or present channel, for navigation between the St. John's river in Florida, and St. Mary's harbour, in Georgia, the sum of thirteen thousand five hundred dollars.

Deepening the channel, Saint Mary's Harbor, Georgia.

For a survey of the river and harbour of St. Marks, in Florida, with a view to the practicability and expense of deepening the same, the sum of five hundred dollars.

Survey of the river Saint Mark's, Florida.

* * * * *

Approved, May 23, 1828.

CHAP. 75.—An Act to grant certain relinquished and unappropriated lands to the state of Alabama, for the purpose of improving the navigation of the Tennessee, Coosa, Cahawba, and Black Warrior rivers.

May 23, 1828.
Vol. 4, p. 290.

1832, ch. 301.
1833, ch. 90.
1836, ch. 119.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That four hundred thousand acres, of the relinquished lands in the counties of Madison, Morgan, Limestone, Lawrence, Franklin, and Lauderdale, in the State of Alabama, be, and the same is [are] hereby, granted to said state, to be applied to the improvement of the navigation of the Muscle Shoals, and Colbert's Shoals, in the Tennessee river, and such other parts of said river within said State as the legislature thereof may direct: But if there shall not be four hundred thousand acres of relinquished unappropriated land in said counties, the deficiency to be made up out of any unappropriated lands in the county of Jackson, in said State.

400,000 acres of relinquished lands in certain counties in Alabama granted to said State to be applied to navigation.

SEC. 2. *And be it further enacted*, That said state of Alabama, shall have power to sell, dispose of and grant said land, for the purposes aforesaid, at a price not less than the minimum price of the public lands of the United States, at the time of such sale.

Price at which land is to be sold.

SEC. 3. *And be it further enacted*, That the said state of Alabama shall commence said improvements within two years after the passage of this act, and complete the same within ten years thereafter.

Improvements. 1830, ch. 79.

SEC. 4. *And be it further enacted*, That if said state of Alabama shall apply the lands hereby granted, or the proceeds of the sales, or any part thereof, to any other use or object whatsoever, than as directed by this act, before said

Grant of all lands to become null and void if applied to any other objects whatever.

improvements shall have been completed, the said grant for all lands then unsold shall thereby become null and void; and the said state of Alabama shall become liable and bound to pay to the United States the amount for which said land, or any part thereof, may have been sold, deducting the expenses incurred in selling the same.

Improvements of said navigation shall be commenced, &c.

SEC. 5. *And be it further enacted*, That the improvements of said navigation shall be commenced at the lowest point of obstruction in said river, within said state, continued up the same until completed, and be calculated for the use of steamboats, according to such plan of construction as the United States' engineers, appointed to survey and report thereon, may recommend, and the President of the United States approve: *Provided*, That such plan shall embrace, if practicable, a connexion of the navigation of Elk river, with the said improvements.

1831, ch. 23.

Proviso.

Surplus of said grant to be applied, &c.

SEC. 6. *And be it further enacted*, That after the completion of said improvements, the surplus of said grant, if any, shall be applied to the improvement of the navigation of the Coosa, Cahawba, and Black Warrior rivers, in said state, under the direction of the Legislature thereof.

Said rivers, when improved, to be ever free from toll for all property belonging to the United States, &c.

SEC. 7. *And be it further enacted*, That the said rivers, when improved as aforesaid, shall remain forever free from toll for all property belonging to the government of the United States, and for all persons in their service, and for all the citizens of the United States, unless a toll shall be allowed by act of Congress.

Approved, May 23, 1828.

May 23, 1828. Vol. 4, p. 290.

CHAP. 76.—An Act making an appropriation for the erection of a breakwater near the mouth of Delaware bay.

Breakwater to be made near mouth of Delaware Bay.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the President of the United States cause to be made near the mouth of Delaware bay, a breakwater.

$250,000 appropriated.

SEC. 2. *And be it further enacted*, That the sum of two hundred and fifty thousand dollars be, and it hereby is, appropriated, towards the accomplishment of that object, and that the same be paid out of any money in the Treasury not otherwise appropriated.

Approved, May 23, 1828.

May 24, 1828. Vol. 4, p. 293.

CHAP. 86.—An Act authorizing a subscription to the stock of the Chesapeake and Ohio Canal Company.

Secretary of the Treasury, in the name of the United States, to subscribe for 10,000 shares of the capital stock of the Ceesapeake and Ohio Canal Company.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, authorized and directed to subscribe, in the name and for the use of the United States, for ten thousand shares of the capital stock of the Chesapeake and Ohio Canal Company, and to pay for the same, at such times, and in such proportions, as shall be required of and paid by the stockholders, generally,

by the rules and regulations of the company, out of the dividends which may accrue to the United States upon their bank stock in the bank of the United States: *Provided*, That not more than one-fifth part of the sum, so subscribed for the use of the United States, shall be demanded, in any one year, after the organization of the said company; nor shall any greater sum be paid on the shares so subscribed for, than shall be proportioned to assessments made on individual or corporate stock-holders: *And provided, moreover*, That, for the supply of water to such other canals as the state of Maryland, or Virginia, or the Congress of the United States, may authorize to be constructed, in connection with the Chesapeake and Ohio Canal, the section of the said canal leading from the head of the Little Falls of the Potomac river, to the proposed basin, next above Georgetown, in the District of Columbia, shall have the elevation, above the tide of the river at the head of the said falls, and shall preserve, throughout the whole section aforesaid, a breadth, at the surface of the water, of not less than sixty feet, and a depth, below the same, of not less than five feet, with a suitable breadth at bottom.

Proviso.

Proviso.

SEC. 2. *And be it further enacted*, That the said Secretary of the Treasury shall vote for the president and directors of the said company, according to such number of shares as the United States may at any time hold in the stock, thereof, and shall receive, upon the said stock, the proportion of the tolls which shall, from time to time, be due to the United States for the shares aforesaid; and shall have and enjoy, in behalf of the United States, every other right of a stockholder in the said company.

Secretary of the Treasury to vote for President, etc., of said company, according to the number of shares purchased for the United States.

Approved, May 24, 1828.

CHAP. 110.—An Act declaring the assent of Congress to an act of the state of Alabama.

May 24, 1828.
Vol. 4, p. 308.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the assent of Congress be, and hereby is, granted to the operation of an act of the general assembly of the state of Alabama, passed on the tenth day of January, one thousand eight hundred and twenty-seven, entitled "An act to incorporate the Cahawba Navigation Company."

Assent of Congress given to act of Alabama of Jan. 10, 1827.

Approved, May 24, 1828.

CHAP. 25.—An Act making appropriations for building lighthouses and beacons, and placing buoys, and for improving harbours and directing surveys.

Mar. 2, 1829.
Vol. 4, p. 345.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

SEC. 2. *And be it further enacted*, That the sums of money appropriated by this section be, and the same are hereby, directed to be paid out of any money in the treasury not

Sums of money to be placed at disposition of President of United States.

Purposes.

otherwise appropriated, and placed at the disposition of the President of the United States, for the following specified purposes or objects, to wit:

Maine: Kennebunk River, &c.

State of Maine: Five thousand dollars for repairing the pier on the eastern side of the channel at the entrance of Kennebunk river; and

Penobscot.

Three hundred dollars for surveying the ship channel of Penobscot river, from Whitehead to Bangor, and ascertaining the cost of improving the navigation of the same, and proper sites for spindles and buoys.

New Hampshire: Piscataqua River, &c.

State of New Hampshire: Sixty dollars for making a survey of Cochecho branch of Piscataqua river, from Dover falls to its confluence with the Piscataqua, for the purpose of ascertaining the practicability of removing obstructions to navigation, and the cost.

Massachusetts: North River, &c.

State of Massachusetts: One hundred and eighty dollars for surveying North river, between Scituate and Marshfield, to ascertain the expediency of removing obstructions at the mouth of the same, and to make an estimate of the cost.

Sandy Bay.

One hundred and fifty dollars for examining the piers erected at Sandy bay, to report the condition of the same, and what works are necessary to make a good and safe harbour, at that place, together with an estimate of the cost.

Nantucket.

Thirty thousand dollars for removing the bar at the mouth of the harbour of Nantucket.

Edgartown Harbor.

Two thousand five hundred dollars for extending the pier on which the light house is built, at the entrance of Edgartown harbour, to the shore; and

Bass River.

One hundred and fifty dollars to survey the harbour at Bass river, between Yarmouth and Dennis, to ascertain the practicability and expense of improving the said harbour.

Connecticut: Mill River, &c.

State of Connecticut: Six thousand and ninety-seven dollars for improving the navigation of Mill river by removing obstructions in the said river, and constructing such works as will prevent the sand from filling up the channel of the same.

Thames.

One hundred and fifty dollars for making a survey of the river Thames, with a view to improve the navigation of the same, and the cost of such improvements.

Westbrook Harbor.

One hundred and thirty dollars for making a survey of the harbour of Westbrook, near the mouth of Connecticut river, with a view to the improvement of the said harbour, and for ascertaining the cost of such improvement.

Norwalk Harbor.

Eighty dollars for making a survey of the harbour of Norwalk, with a view to its improvement.

Stamford Harbor.

One hundred dollars for making a survey of the harbour of Stamford, with a view to its improvement.

* * * * *

New York: Sag Harbor.

State of New York: One hundred and fifty dollars for surveying the bar at the mouth of Sag Harbour, to ascertain the best method of preventing the harbour being filled up with sand, and the cost of the same.

Black Rock Harbor.

Thirty thousand dollars for extending the pier of Black Rock harbour, at the outlet of Lake Erie, to a point opposite Bird's Island.

Big Sodus Bay

For removing obstructions at the entrance of the harbour

at Big Sodus Bay, on Lake Ontario, twelve thousand five hundred dollars.

For the improvement of the navigation of the Gennessee river, in the state of New York, ten thousand dollars. Genesee River.

State of New Jersey: One hundred dollars for surveying Flatbeach, alias Tucker's Island, situated between Old and New Inlet, with a view to preserve the anchorage of the port, and to report an estimate of the cost of such improvements as may be necessary to effect those objects. New Jersey: Flat Beach.

State of Pennsylvania: Five thousand dollars for repairing the piers at Marcus Hook: for filling up the sluice between the said piers, and improving the harbour of Marcus Hook, by the removal of obstructions. Pennsylvania: Marcus Hook.

State of Virginia: Eighty dollars for making a survey of Deep creek, or branch of the South branch of Elizabeth river, for the purpose of improving the navigation of the same, and an estimate of the cost. Virginia: Deep Creek.

State of North Carolina: Eighty dollars for making a survey of Pascotank river, for removing bars, or obstructions in the same, and an estimate of the cost. North Carolina: Pasquotank River.

Twenty-one thousand dollars, being an additional appropriation, for effecting the removal of the shoals forming obstructions to navigation near Ocracock Inlet; and Ocracock Inlet.

Twenty thousand dollars for improving the navigation of Cape Fear river, between the town of Wilmington and the mouth of the said river. Cape Fear River.

* * * * *

State of Ohio: Seven thousand five hundred dollars for improving the navigation of Conneaut creek, by removing the bar at the mouth of the same. Ohio: Conneaut Creek.

State of Louisiana: Two hundred dollars for making a survey of the entrance of the river Teche, with a view to improve and shorten the navigation of the same, and an estimate of the cost of such improvements. Louisiana: River Teche.

Five hundred dollars for making a survey at the passes, at the mouth of the Mississippi, with a view to improvements in the navigation, and building lighthouses and buoys, Mississippi River.

* * * * *

State of Alabama: Twenty thousand dollars, the sum required for completing improvements in the harbour of Mobile. Alabama: Mobile Harbor.

Territory of Florida: Three hundred dollars for making a survey of the harbour of St. Augustine, and the bar at or near the entrance of the same, with a view to remove the latter, and to render the access to the harbour safe at all times, and to make an estimate of the cost of accomplishing that object; and Florida: Saint Augustine Harbor.

Six thousand five hundred dollars for improving the harbour of St. Mark's, by removing obstructions in the same. Saint Mark's Harbor.

Approved, March 2, 1829.

Mar. 2, 1829.
Vol. 4, p. 348.

CHAP. 26.—An Act making additional appropriations for the military service of the United States, for the year one thousand eight hundred and twenty-nine.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

Transfers to the surplus fund reappropriated.

The following sums, transferred to the surplus fund, on the thirty-first of December, one thousand eight hundred and twenty-eight, are hereby re-appropriated:

Provincetown Harbour. 1826, ch. 78.

For the preservation of the point of land forming Provincetown harbour, appropriated by act of twentieth of May, one thousand eight hundred and twenty-six, three thousand five hundred dollars.

Mobile Harbour. 1826, ch. 78.

For removing obstructions in the harbour of Mobile, appropriated by act of twentieth of May, one thousand eight hundred and twenty-six, two thousand eight hundred and seventy-one dollars and twenty-two cents.

Newcastle. 1826, ch. 78.

For piers at Newcastle, appropriated by act of the twentieth of May, one thousand eight hundred and twenty-six, seventeen thousand eight hundred and ninety-five dollars and ninety-nine cents.

* * * * *

Appropriations to be paid out of the treasury.

SEC. 3. *And be it further enacted*, That the several sums, hereby appropriated, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 2, 1829.

March 2, 1829.
Vol. 4, p. 350.

CHAP. 27.—An Act authorizing the subscription of stock in the Chesapeake and Delaware Canal Company, and in the Dismal Swamp Canal Company.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, authorized and directed to subscribe, in the name and for the use of the United States, for seven hundred and fifty shares of the capital stock of the Chesapeake and Delaware Canal Company; and, also, for two hundred shares of the capital stock in the Dismal Swamp Canal Company, and pay for the same, at such times, and in such proportions, as may be required by the said companies respectively; to be paid out of any money in the Treasury not otherwise appropriated.

Secretary of Treasury to subscribe for 750 shares of Chesapeake and Delaware Canal.

For 200 shares Dismal Swamp Canal.

The Secretary to vote for president and directors.

To receive dividends.

SEC. 2. *And be it further enacted*, That the Secretary of the Treasury shall vote for president and directors of the said companies respectively, according to such number of shares, and shall receive upon the said stock the proportion of the tolls which shall, from time to time, be due to the United States for the shares expended.

Approved, March 2, 1829.

CHAP. 29.—An Act making appropriations for completing certain roads, and for making examinations and surveys. Mar. 2, 1829. Vol. 4, p. 351.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby appropriated, to wit:

* * * * *

For defraying the expenses incidental to making examinations and surveys under the act of thirtieth of April, one thousand eight hundred and twenty-four, thirty thousand dollars. Surveys, &c., under act of April 30, 1824, ch. 46.

* * * * *

SEC. 2. *And be it further enacted,* That the several sums, hereby appropriated, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 2, 1829.

CHAP. 33.—An Act to authorize a subscription for stock on the part of the United States, in the Louisville and Portland Canal Company. Mar. 2, 1829. Vol. 4, p. 353.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he hereby is, authorized and directed to subscribe for or purchase, in the name and for the use of the United States, any stock which may have been forfeited to the company, and which shall be undisposed of on the fourth day of March next, not exceeding thirteen hundred and fifty shares of the Capital Stock of the Louisville and Portland Canal Company; and to pay for the same, when called upon by said Company, out of any money in the Treasury not otherwise appropriated: *Provided,* Said shares can be had for a sum not exceeding one hundred dollars each. Forfeited stock in Louisville and Portland Canal to be purchased by United States.

SEC. 2. *And be it further enacted,* That the said Secretary of the Treasury shall vote for president and directors of said company, according to such number of shares, and shall receive upon the said stock, the proportion of the tolls which shall, from time to time, be due to the United States for the stock aforesaid. Secretary of the Treasury to vote, &c.

Approved, March 2, 1829.

CHAP. 37.—An Act making additional appropriations for certain fortifications of the United States, for the year one thousand eight hundred and twenty-nine. March 2, 1829. Vol. 4, p. 356.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, in addition to the several sums appropriated by the act of the twenty-fourth of May, one thousand eight hundred and twenty-eight, for certain fortifications of the United States, for the first quarter of the year one thousand eight hundred

and twenty-nine, to wit: for fortifications, to each specifically, as follows:

* * * * *

Boston harbor. For completion of the sea wall for the preservation of George's Island, in Boston harbour, seven thousand three hundred and ten dollars and fifty-four cents.

* * * * *

SEC. 2. *And be it further enacted*, That the several sums, hereby appropriated, shall be paid out of any money in the treasury not otherwise appropriated.

Approved, March 2, 1829.

Mar. 3, 1829. Vol. 4, p. 363.

CHAP. 52.—An Act making additional appropriations for completing and repairing piers, for the improvement of certain harbours, and of the navigation of certain rivers.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to wit:

Piers at Oswego River. For repairing the damages sustained by the piers under construction at the mouth of Oswego river, from a severe gale in October last, seven thousand four hundred and seventy-two dollars.

Repairs at Presque Isle Bay. For closing the breach made in the peninsula at Presque Isle Bay, Pennsylvania, seven thousand three hundred and ninety dollars and twenty-five cents.

Dunkirk Harbor. For completing the erection of piers at the mouth of Dunkirk harbour, in the State of New York, nine thousand eight hundred and twelve dollars and seventy-five cents.

Ashtabula Creek. For completing the removal of obstructions at the mouth of Ashtabula Creek, Ohio, six thousand nine hundred and forty dollars and twenty-five cents.

Cunningham Creek. For completing the removal of obstructions at the mouth of Cunningham Creek, Ohio, two thousand nine hundred and fifty-six dollars.

Cleveland Harbor. For improving Cleveland harbour, Ohio, twelve thousand one hundred and seventy-nine dollars.

Huron River. For completing the removal of obstructions at the mouth of Huron river, Ohio, five thousand nine hundred and thirty-five dollars.

La Plaisance Bay. For completing a pier at La Plaisance bay, Michigan territory, two thousand three hundred and eighteen dollars.

Ohio and Mississippi Rivers. For continuing to improve the navigation of the Ohio and Mississippi rivers, fifty thousand dollars.

Reappropriation of balance for Savannah River carried to the surplus fund. For removing obstructions in the Savannah river, below the city of Savannah, in Georgia, being a balance of appropriations carried to the surplus fund on the thirty-first of December, one thousand eight hundred and twenty-eight, twenty-four thousand four hundred and ninety dollars.

SEC. 2. *And be it further enacted*, That the several sums, hereby appropriated, shall be paid out of any money in the Treasury not otherwise appropriated.

Approved, March 3, 1829.

CHAP. 72.—An Act, making additional appropriations for the improvement of certain harbours, and for removing obstructions at the mouths of certain rivers, for the year one thousand eight hundred and thirty.

Apr. 23, 1830.
Vol. 4, p. 394.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums of money be, and the same are hereby, appropriated for carrying on and completing certain works heretofore commenced, to be paid out of any money in the treasury, not otherwise appropriated, viz:

Appropriations for continuance of certain works.

For removing obstructions at the mouth of Huron river, Ohio, one thousand eight hundred and eighty dollars and thirty-six cents.

Huron River.

For completing the removal of obstructions at the mouth of Grand River, Ohio, five thousand five hundred and sixty-three dollars and eighteen cents.

Grand River.

For completing the improvements of Cleaveland harbour, Ohio, one thousand seven hundred and eighty-six dollars and fifty-six cents.

Cleaveland Harbor.

For removing sand-bar at or near the mouth of Black river, Ohio, eight thousand five hundred and fifty-nine dollars and seventy-seven cents.

Black River.

For improving the navigation of Conneaut creek, Ohio, six thousand one hundred and thirty five dollars and sixty-five cents.

Conneaut Creek.

For completing piers at the mouth of Dunkirk harbour, New York, one thousand three hundred and forty-two dollars and seventy-five cents.

Dunkirk Harbor.

For completing piers at Buffalo harbour, New York, fifteen thousand four hundred and eighty-eight dollars.

Buffalo Harbor.

For extending the pier at Black Rock, three thousand one hundred and ninety-eight dollars.

Black Rock.

For improving the navigation of Genesee river, New York, thirteen thousand three hundred and thirty-five dollars.

Genesee River.

For removing obstructions at the mouth of Big Sodus bay, New York, fifteen thousand two hundred and eighty dollars.

Big Sodus Bay.

For completing the removal of the sand-bar at or near the mouth of Merrimack river, Massachusetts, three thousand five hundred and six dollars and seventy-two cents.

Merrimack River.

For the preservation of Plymouth beach, Massachusetts, one thousand eight hundred and fifty dollars.

Plymouth Beach.

For erecting piers or other works at or near Stonington harbour, Connecticut, sixteen thousand four hundred and ninety-one dollars and sixty-seven cents.

Stonington Harbor.

For deepening an inland passage between St. John's and St. Mary's rivers, fifteen hundred dollars.

Passage between Saint John's, &c.

For improving the navigation of the Mississippi and Ohio rivers, fifty thousand dollars.

Mississippi and Ohio Rivers.

For removing obstructions to the navigation of the Kennebec river, at Lovejoy's narrows, Maine, five thousand dollars.

Kennebec River.

For improving the harbours of New Castle, Marcus Hook, Chester, and Port Penn, in the Delaware river, ten thousand dollars.

Harbors of New Castle, &c.

Cape Fear River. For improving the Cape Fear river, below Wilmington, North Carolina, twenty-five thousand six hundred and eighty-eight dollars.

Appalachicola River. For completing the removal of obstructions in the Appalachicola river, in Florida, two thousand dollars.

Saint Mark's River. For completing the removal of obstructions in the river and harbour of St. Marks in Florida, ten thousand dollars.

Breakwater at Hyannis. For completing the breakwater at Hyannis harbour, in Massachusetts, six thousand five hundred and seventeen dollars and eighty-two cents.

Delaware breakwater. For carrying on the works of the Delaware breakwater, for the year one thousand eight hundred and thirty, one hundred thousand dollars; and for carrying on the same works during the first quarter of one thousand eight hundred and thirty-one, sixty-two thousand dollars.

Approved, April 23, 1830.

Apr. 24, 1830. Vol. 4, p. 397.

CHAP. 79.—An Act to extend the time for commencing the improvement of the navigation of the Tennessee river.

Time for commencing, &c., extended to Dec. 1, 1830.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the time for commencing the improvement of the navigation of the Tennessee river, under an act of Congress "to grant certain relinquished and unappropriated lands to the state of Alabama, for the purpose of improving the navigation of the Tennessee, Cahawba, and Black Warrior rivers," approved the twenty-third day of May, one thousand eight hundred and twenty-eight, be, and the same is hereby, extended to the first day of December next.

Act May 23, 1828, ch. 75.

Approved, April 24, 1830.

Apr. 30, 1830. Vol. 4, p. 397.

CHAP. 84.—An Act for the re-appropriation of certain unexpended balances of former appropriations.

Reappropriation of balances carried to the surplus fund.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums, being unexpended balances of former appropriations for sundry objects of the service of the War Department, * * * which remained in the Treasury on the last day of the year one thousand eight hundred and twenty-nine, and are now subject to the provisions of the law directing such balances to be carried to the account of the surplus fund, be, and the same are hereby re-appropriated to to the several objects, respectively, of their original appropriation.

* * * * *

Saugatuck River. For the removing obstructions in the Saugatuck river, twenty-eight dollars.

La Plaisance Bay. For the building of piers at the entrance of La Plaisance bay, eighty-nine dollars and eleven cents.

* * * * *

Approved, April 30, 1830.

CHAP. 232.—An Act making appropriations for examinations and surveys, and also, for certain works of internal improvement.

May 31, 1830.
Vol. 4, p. 427.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled. That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, viz:

Examinations and surveys.

For defraying the expenses incidental to making examinations and surveys for national works, under the act of thirtieth April, one thousand eight hundred and twenty-four, including five thousand one hundred and four dollars and twenty-seven cents, for arrearages on account of surveys and office rent, in the years one thousand eight hundred and twenty-six, one thousand eight hundred and twenty-seven, and one thousand eight hundred and twenty-eight, thirty thousand dollars.

Apr. 30, 1824. ch. 46.

$30,000.

* * * * *

Canal between waters of Atlantic and Gulf of Mexico.

For completing the survey and estimate of a canal to connect the waters of the Atlantic with the Gulf of Mexico, ten thousand four hundred dollars. And it shall be the duty of the Secretary of War to cause a detailed report to be made out, showing the practicability or impracticability of making a ship or other canal, and the reasons for either, with an estimate of the probable expense and advantages of such canal as may be considered practicable.

* * * * *

Approved, May 31, 1830.

CHAP. 23.—An Act to amend the act granting "certain relinquished and unappropriated lands to the State of Alabama, for the purpose of improving the navigation of the Tennessee, Coosa, Cahawba, and Blackwarrior rivers," approved the twenty-third day of May, one thousand eight hundred and twenty-eight.

Feb. 12, 1831.
Vol. 4, p. 441.

Act May 23, 1828, ch. 75.

State of Alabama authorized to contract, &c.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That it shall and may be lawful for the state of Alabama, by the board of canal commissioners appointed by her for that purpose, to contract for and construct that part of the canal round the Muscle shoals, beginning at Campbell's ferry, and running up the river to Lamb's ferry, before they contract for, or complete that part of the said contemplated canal between Campbell's ferry and Florence; any thing in the act to which this is an amendment to the contrary notwithstanding.

United States engineers to furnish plan.

SEC. 2. *And be it further enacted,* That it shall be the duty of the engineers of the United States who have this matter in charge, to furnish to said board of commissioners, as soon as practicable, a plan of that section of the canal above contemplated first to be executed, connecting it with the river at or near to Campbell's ferry, and at the most eligible point at, or immediately below Lamb's ferry, on the cheapest practicable plan, in conformity with said original act, to be approved by the President of the United States.

Plan prescribed.

SEC. 3. *And be it further enacted*, That the section of said canal above Lamb's ferry, shall, by said engineers, be so planned as to connect it with the deep water in the river at or above Lamb's ferry; and the section below Campbell's ferry, shall, in like manner, be connected with the deep water at or below said last-mentioned ferry.

Approved, February 12, 1831.

Mar. 2, 1831. Vol. 4, p. 450.

CHAP. 38.—An Act making appropriations for certain fortifications during the year one thousand eight hundred and thirty-one.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treasury, for certain fortifications, viz:

George's Island.

For the preservation of George's Island, Boston harbour, five thousand dollars.

* * * * *

Approved, March 2, 1831.

Mar. 2, 1831. Vol. 4, p. 459.

CHAP. 56.—An Act making additional appropriations for the improvement of certain harbours, and removing obstructions in the mouths of certain rivers.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums of money be, and the same are hereby, appropriated, for carrying on and completing certain works heretofore commenced, to be paid out of any money in the Treasury not otherwise appropriated, viz:

Huron River.

For removing obstructions at the mouth of Huron river, Ohio, three thousand four hundred and eighty dollars.

Black River.

For removing sand bar at or near the mouth of Black river, Ohio, nine thousand two hundred and seventy-five dollars.

Cleveland Harbor.

For completing the improvement of Cleaveland harbour, Ohio, three thousand six hundred and seventy dollars.

Grand River.

For completing the removal of obstructions at the mouth of Grand river, Ohio, five thousand six hundred and eighty dollars.

Ashtabula Creek.

For completing the removal of obstructions at the mouth of Ashtabula creek, Ohio, seven thousand and fifteen dollars.

Conneaut Creek.

For improving the navigation of Conneaut creek, Ohio, six thousand three hundred and seventy dollars.

Presque Isle.

For completing the improvement of the harbour of Presque isle, Pennsylvania, one thousand seven hundred dollars.

Genesee River.

For improving the navigation of Genesee river, New York, sixteen thousand six hundred and seventy dollars.

Big Sodus Bay.

For removing obstructions at the mouth of Big Sodus bay, New York, seventeen thousand four hundred and fifty dollars.

Oswego.

For completing piers at Oswego, New York, two thousand eight hundred and twelve dollars and ninety-two cents.

For claim of contractors for losses by storms in eighteen hundred and twenty-nine, five hundred and nineteen dollars. Contractors.

For balance due contractors for said piers, eighty-four dollars and ninety-two cents.

For securing the works of Oswego harbour, New York, by a stone pier-head and mole, eighteen thousand six hundred dollars. Oswego.

For completing the pier at the mouth of Buffalo harbour, New York, twelve thousand nine hundred dollars. Buffalo.

For securing and completing the works at the harbour of Dunkirk, New York, six thousand four hundred dollars. Dunkirk.

For further protection and preservation of the beach of Provincetown, Massachusetts, two thousand and fifty dollars. Provincetown.

For the repair and completion of the breakwater at the mouth of Merrimack river, Massachusetts, sixteen thousand dollars. Merrimack breakwater.

For completing repairs to piers at the entrance of Kennebunk river, Maine, one thousand one hundred and seventy-five dollars. Kennebunk.

For completing the sea wall for the preservation of Deer island, Boston harbour, Massachusetts, twelve thousand three hundred and ninety dollars. Deer Island.

For repairing Plymouth beach, Massachusetts, two thousand eight hundred and twenty dollars. Plymouth Beach.

For completing the breakwater at Hyannis harbour, Massachusetts, eight thousand four hundred dollars. Hyannis breakwater.

For removing the bar at the mouth of Nantucket harbour, Massachusetts, eight thousand two hundred and sixty-five dollars. Nantucket.

For improving the harbours of New Castle, Marcus Hook, Chester, and Port Penn, in the Delaware river, four thousand dollars. New Castle, &c.

For improving Cape Fear river, below Wilmington, North Carolina, twenty-five thousand seven hundred and five dollars. Cape Fear River.

For carrying on the works for the improvements of Ocracock inlet, in North Carolina, seventeen thousand dollars. Ocracock.

For completing the removal of obstructions in the river and harbour of St. Mark's, Florida, seven thousand four hundred and thirty dollars. Saint Mark's.

For completing the removal of obstructions in the Appalachicola river, Florida, eight thousand dollars. Appalachicola.

For arrearage due Major Birch for survey of the raft of Red River, Louisiana, one hundred and eighty-seven dollars and fifty cents. Red River.

For arrearage due the superintendent of the works at Black Rock harbour, New York, one thousand eight hundred dollars. Black Rock.

For arrearage due for materials delivered to the works at Dunkirk harbour, New York, seven hundred and two dollars, fifty cents. Dunkirk.

For carrying on the work of the Delaware breakwater, two hundred and eight thousand dollars. Delaware breakwater.

Approved, March 2, 1831.

Mar. 2, 1831.
Vol. 4, p. 462.

CHAP. 58.—An Act making appropriations for carrying on certain roads and works of internal improvement, and for providing for surveys.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated to the several objects respectively herein named, to be applied during the year one thousand eight hundred and thirty-one, the same to be paid out of any money in the Treasury not otherwise appropriated, viz:

* * * * *

Surveys, &c.

For defraying the expenses incidental to making examinations and surveys under the act of the thirtieth day of April, one thousand eight hundred and twenty-four, twenty-five thousand dollars.

1824, ch. 46.

Navigation of the Ohio and Mississippi Rivers.

For improving the navigation of the Ohio and Mississippi rivers, to be expended under the existing laws, fifty thousand dollars.

That the sum of one hundred and fifty thousand dollars be, and the same is hereby appropriated to the improvement of the navigation of the Ohio and Mississippi rivers from Pittsburg to New Orleans, in removing the obstructions in the channels at the shoal places and ripples, and by such other means as may be deemed best for the deepening of the channels of the Ohio river, which said sum shall be expended under the direction of the President of the United States, by the superintendent appointed to execute said works of improvement; and the President is hereby authorized and required to take bond with approved security in fifty thousand dollars conditioned for the faithful performance of the duties required of him under such instructions as may be given him for the improvement of the navigation of said rivers, and that an officer of engineers be associated with said superintendent, with authority to suspend the operation of any work, or payment of any account, until the order of the President is received.

To be expended under direction of the President of the United States.

* * * * *

Approved, March 2, 1831.

Feb. 24, 1832.
Vol. 4, p. 497.

CHAP. 27.—An Act making appropriations for fortifications for the year one thousand eight hundred and thirty-two.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and they are hereby, appropriated, for fortifications for the year one thousand eight hundred and thirty-two, viz:

* * * * *

George's Island.

For the preservation of George's Island, nine thousand dollars.

* * * * *

Approved, February 24, 1832.

CHAP. 153.—An Act making appropriations for certain internal improvements for the year one thousand eight hundred and thirty-two. July 3, 1832. Vol. 4, p. 551.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be appropriated for the purpose of making the improvements hereinafter enumerated, viz: Appropriations.

For removing obstructions to the navigation of Kennebeck river, at Lovejoy's Narrows, Maine, including a balance of former appropriations, of two thousand five hundred and seventy-nine dollars and sixty-eight hundredths, carried to the surplus fund, two thousand six hundred dollars. Maine: Kennebec River.

For repairing Plymouth Beach, Massachusetts, two thousand five hundred dollars. Massachusetts: Plymouth Beach.

For further protection and preservation of the Beach at Provincetown, Massachusetts, four thousand six hundred dollars. Provincetown.

For deepening the channel through the Pass au Heron, Alabama, being the balance of the appropriation of one thousand eight hundred and twenty-eight, carried to the surplus fund, first January, one thousand eight hundred and thirty-one, six thousand and fifty dollars. Alabama: Pass au Heron. 1828, ch. 73.

For deepening the channel at Pascagoula river, being the balance of the appropriation of one thousand eight hundred and twenty-five, carried to the surplus fund the first of January, one thousand eight hundred and thirty, fifteen thousand nine hundred dollars. Pascagoula river.

For improving the navigation of the Red river, Louisiana, and Arkansas, being the balance of the appropriation of one thousand eight hundred and twenty-eight, carried to the surplus fund, two thousand six hundred and twenty-eight dollars, and the further sum of twenty thousand dollars. Louisiana and Arkansas: Red River. 1828, ch. 73.

For carrying on the work of the Delaware breakwater, two hundred and seventy thousand dollars. Delaware: Delaware breakwater.

* * * * *

For the completion of the improvement of the harbour and river Saint Marks, in Florida, as recommended by the chief engineer, four thousand five hundred dollars. Florida: Saint Mark's River.

For completing repairs to piers at the entrance of Kennebunk river, Maine, one thousand seven hundred dollars. Maine: Kennebunk River.

For removing obstructions in the Berwick branch of the Piscataqua river, two hundred and fifty dollars. Piscataqua River.

For completing the sea-wall for the preservation of Deer Island, Boston harbour, sixty thousand dollars. Massachusetts: Deer Island.

For completing the breakwater at Hyannis harbour, Massachusetts, seven thousand six hundred dollars. Breakwater at Hyannis.

For removing the bar at the mouth of Nantucket harbour, six thousand dollars. Nantucket.

For completing the breakwater and dyke, and deepening the channel, in the harbor of Mill river, in Connecticut, four thousand four hundred and ninety dollars and forty-three cents. Connecticut: Harbor of Mill River.

For completing the pier and mole at Oswego, New York, nineteen thousand dollars. New York: Oswego.

Big Sodus Bay. For removing obstructions at the mouth of Big Sodus bay, New York, seventeen thousand dollars.

Genesee River. For improving the entrance of Genessee river, sixteen thousand dollars.

Buffalo Harbor. For completing the pier at the mouth of Buffalo harbour, ten thousand three hundred dollars.

Black Rock. For the work at Black Rock harbour, New York, five thousand one hundred dollars.

Dunkirk. For securing and completing the work at Dunkirk harbour, New York, ten thousand two hundred dollars.

Pennsylvania: Presque Isle. For completing the improvement of the harbour at Presque Isle, Pennsylvania, four thousand five hundred dollars.

New Castle, &c. For improving the harbours of New Castle, Marcus Hook, Chester, and Port Penn, on the Delaware, ten thousand dollars.

North Carolina: Ocracoke Inlet. For carrying on the work for the improvement of Ocracoke inlet, North Carolina, twenty-two thousand dollars.

Cape Fear River. For improving Cape Fear river, below Wilmington, North Carolina, twenty-eight thousand dollars.

Ohio, Missouri, and Mississippi Rivers. For improving the navigation of the Ohio, Missouri, and Mississippi rivers, fifty thousand dollars.

The President of the United States authorized to improve the steamboat navigation from Pittsburgh to Brownsville, and to extend the provisions of the act of May 24, 1824, ch. 139, so as to embrace certain parts of the rivers Missouri and Mississippi.

And the President of the United States is hereby authorized to extend the improvement of the steamboat navigation from Pittsburg to the Cumberland road, at Brownsville, upon such plan as he may approve, under the provisions of the act of May twenty-four, eighteen hundred and twenty-four:

And that the President of the United States be, and he is hereby, authorized to extend the provisions of the act of twenty-fourth May, one thousand eight hundred and twenty-four, entitled "An act to improve the navigation of the Ohio and Mississippi rivers," so as to embrace in its operations the river Missouri, from its junction with the Mississippi to the mouth of the Kansas river;

And, also, the Upper Mississippi river from St. Louis, in Missouri, to Galena, in Illinois, with power to remove all obstructions in the channel of said river between those points;

And that the provisions of the act, approved twenty-fourth May, one thousand eight hundred and twenty-four, entitled "An act to improve the navigation of the Ohio and Mississippi rivers," be extended so as to include, in its operation, the improvement of the Mississippi from New Orleans to the Gulf of Mexico, and the deepening of the bar at the mouth of the Mississippi.

Arkansas river. For improving the navigation of the Arkansas river, fifteen thousand dollars;

Proviso. *Provided*, The engineer department, after due examination, is satisfied that, during a portion of the ensuing year, the men and machine now employed in removing obstructions in the Ohio and Mississippi rivers, can be more usefully employed in removing those of the Arkansas river:

Proviso. *Provided*, That the compensation of the superintendent of the Ohio and Mississippi rivers, shall be the sum of three thousand dollars per annum, in full for all his services; and he shall not hereafter be allowed anything in the shape of commissions in his disbursements.

Compensation to the superintendent not to exceed $3,000.

For improving the mouth of Conneaut creek, Ohio, seven thousand eight hundred dollars. Ohio: Conneaut Creek.

For completing the removal of obstructions at the mouth of Ashtabula creek, Ohio, three thousand eight hundred dollars. Ashtabula Creek.

For a pier head at Cunningham creek, Ohio, one thousand five hundred dollars. Cunningham Creek.

For completing the removal of obstructions at the mouth of Grand river, Ohio, two thousand six hundred dollars. Grand River.

For completing the improvement of Cleveland harbour, Ohio, six thousand six hundred dollars. Cleveland Harbor.

For removing a sand bar at the mouth of Black river, Ohio, eight thousand dollars. Black River.

For removing obstructions at the mouth of Huron river, Ohio, one thousand five hundred dollars. Huron River.

For piers at La Plaisance bay, Michigan, eight thousand dollars. Michigan: La Plaisance Bay.

For the improvement of the navigation of the Cumberland river, thirty thousand dollars, to be expended under the direction of the War Department. Tennessee: Cumberland River.

For the removal of the obstructions to the navigation of the Savannah river, between the mouth thereof and the city of Savannah, the sum of twenty-five thousand dollars, including the balance of the former appropriation to the same object, to be expended according to a plan and an estimate of the Department of War. Georgia: Savannah River.

For defraying the expenses incidental to making examinations and surveys under the act of thirtieth April, one thousand eight hundred and twenty-four, thirty thousand dollars. Surveys. Act of April 30, 1824, ch. 46.

* * * * *

Approved, July 3, 1832.

CHAP. 164.—An Act to authorize the surveying and laying out a road from Detroit to the mouth of Grand river of Lake Michigan, in the Michigan territory, and for the survey of canal routes in the territory of Florida. July 4, 1832. Vol. 4, p. 560.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

SEC. 4. *And be it further enacted*, That the President of the United States be, and he is hereby, authorized to cause to be made, an accurate and minute survey of the country between the waters of St. Andrew's bay and the river and bay of Chattahoochie, and between Pensacola bay and Bon Secour, along the northern coast of the Gulf of Mexico, with a view to ascertain the practicibility and cost of canals to connect said bays and rivers, with notes, plans, observations, and opinions, of the engineers on each of said parts designated, with estimates of the cost of each; and, for the purpose of carrying into effect the foregoing provisions, the sum of three thousand dollars be, and the same is hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated. Survey to ascertain the practicability of canals to connect bays and rivers in Florida. Estimates to be made. $3,000 appropriated.

Approved, July 4, 1832.

July 16, 1832. Vol. 4, p. 604.

CHAP. 301.—An Act supplemental to the act "granting certain relinquished and unappropriated lands to the state of Alabama, for the purpose of improving the navigation of the Tennessee, Coosa, Cahaba, and Black Warrior rivers," approved the twenty-third day of May, one thousand eight hundred and twenty-eight.

Act of May 23, 1828, ch. 75.

State of Alabama authorized to alter plan of improvement.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That it shall and may be lawful for the State of Alabama to alter the plan for the improvement on the Tennessee river below Florence, by canalling instead of sluicing, so as to accomplish the object which Congress had in view in making the appropriation: *Provided,* That not more than one hundred and fifty thousand dollars, including the sum already expended on that part of the river, shall be expended below the said town of Florence.

Proviso.

Approved, July 16, 1832.

March 2, 1833. Vol. 4, p. 619.

CHAP. 54.—An Act making appropriations for the civil and diplomatic expenses of government for the year one thousand eight hundred and thirty-three.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treasury, viz:

* * * * *

Reappropriations. Savannah River.

For removing obstructions in the Savannah river, being part of the balance of an appropriation carried to the surplus fund, forty-three dollars six cents.

* * * * *

Approved, March 2, 1833.

Mar. 2, 1833. Vol. 4, p. 645.

CHAP. 64.—An Act for improving the navigation of certain rivers in the territories of Florida and Michigan, and for surveys, and for other purposes.

Appropriations for the improvement of rivers in Florida and Michigan.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That, for the purpose of removing obstructions, and improving the navigation of certain rivers in the territories of Florida and Michigan, the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury; to be expended under the direction of the President of the United States.

Escambia River.

For removing obstructions in, and improving the navigation of, the Escambia river, five thousand dollars.

Ochlochney River.

For improving the navigation of Ochlochney river, five thousand dollars.

Choctawhatchie River.

For improving the navigation of the Choctawhachie river, as recommended by the Postmaster General, for the transportation of the mail from Pensacola to Tallahassee, five thousand dollars.

For improving the harbour at Chicago on lake Michigan, twenty-five thousand dollars. Chicago Harbor.

For a survey of White and Saint Francis rivers, in the territory of Arkansas, five hundred dollars. Survey of White and Saint Francis Rivers.

Approved, March 2, 1833.

CHAP. 66.—An Act to improve the navigation of the Potomac river between Georgetown and Alexandria, and for other purposes. Mar. 2, 1833. Vol. 4, p. 646.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That, in order to aid the citizens of Georgetown in removing the obstruction to their navigation, by causing the cut already made through the bar, below the town, to be enlarged and deepened; and for the further purpose of enabling them to make a free turnpike road to the district line on the Virginia side of the river, and to purchase of the present proprietors, and make forever free, the bridge over the Little Falls of Potomac river, the sum of one hundred and fifty thousand dollars be, and the same is hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated. Appropriation to citizens of Georgetown to improve navigation of Potomac, &c.

SEC. 2. *And be it further enacted*, That the said sum shall be paid, from time to time, by the Secretary of the Treasury, to the order of the corporation of Georgetown, in such sums as to enable the said corporation to effect the purposes aforesaid. How to be paid.

SEC. 3. *And be it further enacted*, That before the said sum be paid over to the said corporation, it shall pass an ordinance to make said road and bridge free, and to be kept in repair by said corporation forever. Condition.

Approved, March 2, 1833.

CHAP. 69.—An Act making appropriations for carrying on certain works heretofore commenced for the improvement of harbours and rivers, and, also, for continuing and repairing the Cumberland road, and certain territorial roads. Mar. 2, 1833. Vol. 4, p. 648.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums of money be, and the same are hereby, appropriated for carrying on or completing certain works and roads heretofore commenced, to be paid out of any money in the treasury not otherwise appropriated. Appropriations.

For carrying on the Delaware breakwater, two hundred and seventy thousand dollars. Delaware Breakwater.

For removing a sand bar at the mouth of Black river, Ohio, two thousand four hundred dollars. Black River.

For a pier head at Cunningham creek, Ohio, five hundred dollars. Cunningham Creek.

For completing the removal of obstructions at the mouth of Ashtabula creek, Ohio, three thousand four hundred dollars. Ashtabula Creek.

For completing the improvement of the harbour of Presque Isle, Pennsylvania, six thousand dollars. Presque Isle.

Buffalo Harbor.

For completing the pier at the mouth of Buffalo harbour, New York, thirty-one thousand seven hundred dollars.

Genesee River.

For improving the entrance of Genesee river, New York, fifteen thousand dollars.

Big Sodus Bay.

For removing obstructions at the mouth of Big Sodus bay, New York, fifteen thousand dollars.

Oswego.

For completing the pier and mole at Oswego, New York, eight thousand four hundred dollars.

Merrimac River.

For the completion of the breakwater at the mouth of the Merrimack river, four thousand nine hundred dollars.

Plymouth Beach.

For repairing Plymouth beach, six hundred dollars.

Breakwater at Hyannis.

For the breakwater at Hyannis, Massachusetts, five thousand dollars.

New Castle, Marcus Hook, and Port Penn.

For improving the harbours of New Castle, Marcus Hook, Chester, and Port Penn, in the Delaware, four thousand dollars.

Ocracoke Inlet.

For carrying on the improvement of Ocracoke inlet, North Carolina, sixteen thousand seven hundred dollars.

Cape Fear River.

For improving Cape Fear river, below Wilmington, North Carolina, twenty-eight thousand dollars.

Ohio, Missouri, and Mississippi Rivers.

For improving the navigation of the Ohio, Missouri, and Mississippi rivers, fifty thousand dollars.

* * * * *

Saint Mark's River.

For completing the improvement of St. Mark's river and harbour in Florida, in addition to the unexpended balance of former appropriations, one thousand five hundred dollars.

* * * * *

Channel between Saint Mary's and Saint John's.

For completing the improvement of the inland channel between St. Mary's and St. John's, in Florida, nine thousand dollars.

Harbor and river, Appalachicola.

For the completion of the removal of obstructions in the harbour and river Appilachicola, in Florida, according to the report and estimate of the engineer, Lieutenant Long, eight thousand seven hundred dollars, including the unexpended appropriation of last year.

* * * * *

Examinations and surveys. 1824, ch. 46.

For defraying the expenses incidental to making examinations and surveys under the act of the thirtieth of April, one thousand eight hundred and twenty-four, twenty-five thousand dollars.

* * * * *

Approved March 2, 1833.

Mar. 2, 1833. Vol. 4, p. 663.

CHAP. 90.—An Act further to extend the powers of the board of canal commissioners for the improvement of the Tennessee river in the state of Alabama.

Commissioners authorized to suspend improvement of Tennessee River.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the commissioners appointed by the state of Alabama to superintend the improvement of the Tennessee river, and their succesors in office, be, and they are hereby authorized to suspend the improvement of so much of said river as is below Florence, in said State, and every other part of the same, until the canal and other improvements, between

Lamb's ferry and Campbell's ferry, shall have been completed; anything in the act entitled "An act to grant certain relinquished and unappropriated lands to the State of Alabama for the purpose of improving the navigation of the Tennessee, Coosa, Cahawba, and Black Warrior rivers," approved twenty-third of May, one thousand eight hundred and twenty-eight, to the contrary notwithstanding.

1828, ch. 75.

Approved, March 2, 1833.

CHAP. 101.—An Act for the relief of Peter Bargy, junior, Stephen Norton, and Hiram Wolverton.

Mar. 2, 1833. Vol. 6, p. 541.

Be it enacted by the Senate, and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury pay, out of any money in the treasury not otherwise appropriated, to Peter Bargy, junior, Stephen Norton, and Hiram Wolverton, the sum of eight thousand four hundred and thirty dollars and sixty-two cents, on account of the money and labor paid and bestowed by them in endeavoring to construct a dam across a part of the Savannah river, in the State of Georgia, under and by virtue of a contract made with a Commissioner of the United States to remove obstructions in the mouth of said river, according to the act of May eighteenth, one thousand eight hundred and twenty-six.

Payment for labor, &c., in constructing a dam across Savannah River.

Act of May 18, 1826, ch. 73.

Approved, March 2, 1833.

III. RESOLUTION giving the right of way through the property of the United States at Harper's Ferry, to the Winchester and Potomac Railroad Company.

June 25, 1834. Vol. 4, p. 744.

Resolved by the Senate and House of Representatives of the United States of America, in Congress assembled, That the President of the United States of America be, and he is hereby, authorized to convey to the Winchester and Potomac Railroad Company, free of charge, the right of way through the property held by the United States at Harper's Ferry, (and at present not improved,) if, in his opinion, it should not be inconsistent with the public service; and, also, on the same terms, so much of the ground between the arsenal and the Shenandoah river, and near its junction with the Potomac, as may be deemed consistent with the public interest: to be used for the benefit of the said company in the deposit and accommodation of the trade of said Winchester and Potomac Railroad Company only, and for no other purpose whatever: *Provided, nevertheless,* That the said railroad shall be so located, in the judgment of two or more skillful engineers of the army of the United States, who may be deputed by the President of the United States to make such location, as not to impede or injure, in any manner, the future improvement of the navigation of the river Shenandoah by a lock and dam navigation, or by extending a canal along the left bank thereof, to the river Potomac, or to the canal now constructed along the left bank of the said river.

Grant of the right of way and restriction of its use.

Proviso.

Not to impede or injure future improvement of navigation of Shenandoah River, &c.

Approved, June 25, 1834.

June 27, 1834. Vol. 4, p. 689.

CHAP. 92.—An Act making appropriations for the civil and diplomatic expenses of government for the year one thousand eight hundred and thirty-four.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treasury, viz:

* * * * *

G. Trumbull, Stonington.

For payment of balance due Gurdon Trumbull, superintendent of the public works at Stonington harbour, two hundred and sixty-two dollars sixteen cents.

P. H. Perrault, Saint Augustine.

For payment of Major P. H. Perrault, balance due on account of the survey of the harbour of St. Augustine, two dollars and eighty-four cents.

* * * * *

Approved, June 27, 1834.

June 28, 1834. Vol. 4, p. 702.

CHAP. 103.—An Act making additional appropriations for certain harbours, and removing obstructions in the mouths of certain rivers, for the year one thousand eight hundred and thirty-four.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treasury, for carrying on and completing certain works heretofore commenced, viz:

Appropriations for harbors and rivers.

Kennebunk River.

For piers at the entrance of Kennebunk river, ten thousand three hundred dollars.

Merrimac River.

For the breakwater at the mouth of Merrimack river, three thousand eight hundred and sixty dollars.

Plymouth Beach.

For the preservation of Plymouth beach, two thousand dollars.

Beach at Provincetown.

For the preservation of the beach at Provincetown harbour, Massachusetts, four thousand four hundred dollars.

Hyannis breakwater.

For the breakwater at Hyannis harbour, Massachusetts, ten thousand dollars.

New Castle, Marcus Hook, and Port Penn.

For improving the harbours of Newcastle, Marcus Hook, Chester, and Port Penn, in the Delaware river, six thousand one hundred and thirty-three dollars.

Ocracoke Inlet.

For carrying on the improvements of Ocracok inlet, North Carolina, fifteen thousand dollars.

Cape Fear River.

For improving Cape Fear river below Wilmington, North Carolina, five thousand two hundred and thirty-four dollars.

Ohio, Missouri, and Mississippi Rivers.

For improving the navigation of the Ohio, Missouri, and Mississippi rivers, fifty thousand dollars.

Saint Mark's.

For completing the improvement of St. Mark's river and harbour, Florida, four thousand six hundred dollars.

Chicago Harbor.

For improving the harbour of Chicago, Illinois, thirty-two thousand eight hundred and one dollars.

La Plaisance piers.

For the piers at La Plaisance bay, Michigan, four thousand eight hundred and ninety-five dollars.

Red River.

For improving the navigation of Red river, fifty thousand dollars.

For carrying on the Delaware breakwater, two hundred and seventy thousand dollars. Delaware Breakwater.

For filling up and securing a breach in the south embankment at Presque Isle, Pennsylvania, three thousand and forty-five dollars. Presque Isle.

For improving the harbour at Mobile, in removing the bar at the entrance of the harbour called Choctaw Pass, ten thousand dollars. Mobile Harbor.

For improving the navigation of the river Savannah, in removing the obstructions in said river from the city of Savannah to its mouth, thirty thousand dollars. Savannah River.

For continuing and securing the works at Oswego harbour, New York, thirty-thousand dollars. Oswego Harbor.

For continuing the improvements at Big Sodus bay, New York, on the present plan, fifteen thousand dollars. Big Sodus.

For completing the works at Gennessee river, New York, on the present plan, twenty thousand dollars. Genesee River.

For continuing the improvements of Black Rock harbour, New York, twelve thousand dollars. Black Rock Harbor.

For completing the works at Buffalo, New York, twenty thousand dollars. Buffalo.

For continuing the improvements at Dunkirk harbour, New York, four thousand dollars. Dunkirk.

For securing the works at Presque Isle, Pennsylvania, twenty thousand dollars. Presque Isle.

For completing and securing the works at Cleveland harbour, Ohio, thirteen thousand three hundred and fifteen dollars. Cleveland Harbor.

For repairing and securing the works at Grand river, Ohio, ten thousand dollars. Grand River.

For securing the works at Black river, Ohio, five thousand dollars. Black River.

For extending and securing the works at Huron river, Ohio, six thousand seven hundred dollars. Huron River.

For continuing the improvements at Ashtabula creek, Ohio, five thousand dollars. Ashtabula Creek.

And for defraying the expense of surveys pursuant to the act of the thirtieth of April, eighteen hundred and twenty-four, including arrearages for eighteen hundred and thirty-three, twenty-nine thousand dollars, of which sum five thousand dollars shall be appropriated and applied to geological and mineralogical survey and researches. Surveys under the act of April 30, 1824, &c., ch. 46.

* * * * *

For the continuation of the improvement of the navigation of the Cumberland river, thirty thousand dollars, to be expended under the direction of the War Department. Cumberland River.

Approved, June 28, 1834.

CHAP. 137.—An Act authorizing the selection of certain Wabash and Erie Canal lands in the State of Ohio. June 30, 1834. Vol 4, p. 716.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That, in lieu of lands sold or otherwise disposed of by the United States, within the state of Ohio, and which would other- Commissioners to select lands.

wise become the property of the state of Indiana, in virtue of "An act to grant a certain quantity of land to the state of Indiana for the purpose of aiding said state in opening a canal to connect the waters of the Wabash river with those of Lake Erie," approved March second, eighteen hundred and twenty-seven, the canal commissioners authorized to locate the lands granted as aforesaid for the use of the canal within the state of Ohio, be, and they are hereby, authorized to select an equal quantity from the alternate sections which would otherwise belong to the United States in the division under said act, or from the lands recently acquired by purchase from the Indians, or from other lands in the neighbourhood near the line of said canal as they shall think proper; and the lands thus selected shall be vested and disposed of for the use of the canal as other lands appropriated by the act aforesaid.

Act of March 2, 1827, ch. 51.
Act of March 2, 1845, ch. 42.

Former selections, if sold, to be paid for to commissioners.
Act of March 2, 1827, ch. 51.

SEC. 2. *And be it further enacted*, That in case of selections of lands authorized by the previous section, and which agreeably to treaty stipulations may hereafter be sold by the United States for the benefit of the Indians, a sum equal to the amount for which said lands may have been sold, shall be paid over, by the Treasurer of the United States, to the commissioners authorized to receive the same, for the use and benefit of said canal.

Lands reserved from sale until selections are made.

SEC. 3. *And be it further enacted*, That until the lands granted by the aforesaid act of March second, eighteen hundred and twenty-seven, shall be selected and the selections contemplated by this act shall be made, the public lands on and near the line of said canal, and liable to the selections aforesaid, shall be reserved from sale.

Commissioners to be furnished with maps.

SEC. 4. *And be it further enacted*, That it shall be the duty of the commissioner of the general land office to furnish said commissioners with a perfect map of the surveyed lands on and contiguous to the Maumee river, within the state of Ohio, including the lands recently purchased from the Indians, carefully noting thereon the lands which have been sold or otherwise disposed of by the United States.

Approved, June 30, 1834.

June 30, 1834.
Vol. 4, p. 723.

CHAP. 148.—An Act authorizing a road to be cut out from the northern boundary of the territory of Florida, by Marianna, to the town of Appalachicola, within the said territory.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled,

* * * * *

Survey of the East Pass into Appalachicola Bay.

For a survey of the East pass into Appalachicola bay and river, to ascertain the practicability and cost of removing obstructions and improving the harbour, five hundred dollars.

Approved, June 30, 1834.

CHAP. 150.—An Act making an appropriation for the improvement of the navigation of the Hudson river, in the State of New York.

June 30, 1834.
Vol. 4, p. 724.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the sum of seventy thousand dollars be, and the same is hereby, appropriated towards the improvement of the navigation of the Hudson river, and the removal of obstructions therein, according to the plan submitted to the House of Representatives by the Department of War, under date of March thirty, eighteen hundred and thirty-two; which sum shall be paid out of any money in the Treasury not otherwise appropriated, and shall be expended under the direction of the President of the United States.

Appropriation for the improvement of Hudson River.

Approved, June 30, 1834.

CHAP. 209.—An Act for the relief of John Bruce.

June 30, 1834.
Vol. 6, p. 588

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury pay, out of any money in the treasury not otherwise appropriated, to John Bruce, six thousand two hundred and forty dollars and sixty-three cents, on the report of General Charles Gratiot, for damages actually sustained by the said John Bruce, by the suspension of his contract to clear out the Ohio and Mississippi rivers, in payment made to his workmen, for their hire, and for damages, and for boarding them when out of employ, and for damages he sustained by the neglect on the part of the United States to furnish a sufficient number of superintendents to inspect the work to have been done.

Payment for damages sustained under contract to clear out the Ohio and Mississippi Rivers, &c.

Approved, June 30, 1834.

CHAP. 21.—An Act for improving the harbour at the mouth of the river Raisin, in the territory of Michigan.

Feb. 24, 1835.
Vol. 4, p. 752.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the sum of thirty thousand dollars be, and the same is hereby, appropriated out of any money in the treasury not otherwise appropriated, for the construction of a new entrance into the harbour, at or near the mouth of the river Raisin, where it unites with lake Erie, according to a plan and survey of the said works, made under the direction of the War Department by Capt. H. Smith, during the fall of the year eighteen hundred and thirty-four; *Provided, however*, That no part of the sum hereby appropriated shall be expended for improving the channel of said river, but the expenditure hereby directed, shall be confined exclusively to the construction of a cut or passage from the lake to that part of the river which is to be used as a harbour for vessels.

Appropriations for a new entrance into harbor at mouth of river Raisin.

Proviso.

Approved, February 24, 1835.

Feb. 24, 1835. Vol. 4, p. 752.

CHAP. 22.—An Act for the completion of certain improvements in Florida.

For clearing out the Ochlawaha River.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That for the purpose of executing certain internal improvements, hereinafter designated, in the territory of Florida, the following sums be, and the same are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated:

For clearing out the Ochlawaha river from the St. John's to Glassall's Spring, near Camp King, for the transportation of provisions and military stores to the garrison at that place, as estimated in the report of the Quartermaster General, ten thousand dollars:

* * * * *

For improving the navigation of the Chattahoochie.

For continuing the improvement of the navigation of Chatahawchie river from Cedar Bluff to the Big Spring, in Florida, according to the report of the assistant quartermaster charged with the superintendence of the removal of obstructions, two thousand dollars.

Removing obstructions in the Chipola River.

For removing obstructions in the Chipola river, in Florida, five thousand dollars.

Approved, February 24, 1835.

Mar. 3, 1835. Vol. 4, p. 753.

CHAP. 26.—An Act making additional appropriations for the Delaware breakwater, and for certain harbours, and removing obstructions in and at the mouths of certain rivers, for the year one thousand eight hundred and thirty-five.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the treasury, not otherwise appropriated, for carrying on and completing certain works heretofore commenced, viz:

Chicago Harbor.

For improving the harbour of Chicago, in addition to the balance of former appropriations, thirty-two thousand eight hundred dollars.

Black River.

For securing the works at Black river, four thousand four hundred dollars.

Ashtabula Creek.

For continuing the improvement at Ashtabula creek, in addition to the balance of former appropriations, seven thousand five hundred and ninety-one dollars.

Presque Isle.

For securing the works at Presqu' Isle in addition to the balance of former appropriations, five thousand dollars.

Genesee River.

For completing the works at Genesee river, two thousand three hundred and ninety dollars.

Big Sodus Bay.

For continuing the improvement of Big Sodus bay, eleven thousand seven hundred and ninety dollars.

Provincetown Harbor.

For the preservation of the beach at Provincetown harbour, in addition to the balance of former appropriation, four thousand four hundred dollars.

Plymouth Beach.

For the preservation of Plymouth beach, seven hundred dollars.

For the breakwater at Hyannis harbour, in addition to the balance of former appropriation, nine thousand dollars. Hyannis Harbor.

For improving the harbours of New Castle, Marcus Hook, Chester, and Port Penn, in the Delaware river, in addition to the balance of former appropriation, six thousand dollars. Harbors in the Delaware.

For improving the navigation of the Savannah river, in removing the obstructions in said river from the city of Savannah to its mouth, in addition to the balance of former appropriations, twenty thousand dollars. Savannah River.

For improving the navigation of the Ohio river below the falls, and the Missouri and Mississippi rivers, fifty thousand dollars. Ohio, Missouri, and Mississippi Rivers.

For the improvement of the navigation of the Ohio river, between Pittsburg and the falls of the Ohio, fifty thousand dollars, to be expended under the direction of the War Department, and under the care of a superintendent for that part of the Ohio. Ohio River, between Pittsburgh and the falls. 1836, ch. 259.

For the Delaware breakwater, one hundred thousand dollars, *Provided*, That only so much of this sum shall be applied as, in the opinion of the Secretary of War, may be advantageously expended in the present situation of the said work. Delaware Breakwater. Proviso.

For completing the improvement at the harbour of Mobile, in removing the bar at the entrance of the harbour, called the Choctaw Pass, in addition to the appropriation of ten thousand dollars, made at the last session, seventeen thousand nine hundred and ninety-seven dollars and sixty cents. Mobile Harbor.

For completing the removal of the obstructions to the navigation of Red river, in addition to the appropriation of fifty thousand dollars, made at the last session of Congress, the sum of fifty thousand dollars. Red River.

For improving the navigation of the Arkansas river, and for constructing a boat with an iron hull, forty thousand dollars. Arkansas River, and an iron boat.

For completing the improvement in the navigation of the Cape Fear river, below the town of Wilmington, North Carolina, twenty thousand dollars. Cape Fear River.

For constructing a dredging machine, and for completing the inland channel between St. Mary's and St. John's, in the territory of Florida, according to the estimate of the engineer department, fifteen thousand dollars. Dredging machine, &c., for Florida.

For filling up with stone, three hundred and fifty-two yards of the outer pier or breakwater at Dunkirk harbour, New York, one thousand four hundred and eighteen dollars and twenty-seven cents. Dunkirk Harbor, New York.

For extending and completing the pier or breakwater in front of said harbour, nine thousand five hundred and seventy dollars and sixteen cents. For extending pier at said harbor.

Provided, That no officer of the army shall receive any per cent. or additional pay, extra allowance, or compensation, in any form whatever, on account of the disbursing any public money appropriated by law during the present session, for fortifications, execution of surveys, works of internal improvement, building of arsenals, purchase of Proviso.

public supplies of any description, or for any other service or duty whatsoever, unless authorized by law.

Approved, March 3, 1835.

Mar. 3, 1835. Vol. 4, p. 777.

CHAP. 41.—An Act making appropriations for certain roads, and for examinations and surveys, for the year one thousand eight hundred and thirty-five.

Appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any unappropriated money in the treasury, for certain roads, and for making examinations and surveys, for the year one thousand eight hundred and thirty-five, viz:

* * * * *

Examinations and surveys.

1824, ch. 46.

For defraying the expenses incidental to making examinations and surveys under the act of thirtieth of April, eighteen hundred and twenty-four, twenty-five thousand dollars.

* * * * *

Approved, March 3, 1835.

June 23, 1836. Vol. 5, p. 57.

CHAP. 119.—An Act to amend an act to grant certain relinquished and unappropriated lands to the State of Alabama, for the purpose of improving the navigation of the Tennessee, Coosa, Cahaba and Black Warrior river.

Part of the former act repealed.

Act of May 23, 1828, ch. 75.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That so much of the second section of the act above recited as restricts the State of Alabama from having the power to sell, dispose of, or grant the residue of the lands granted by the act to which this is a supplement, at a price not less than the minimum price of the public lands, be, and the same is hereby repealed.

State of Alabama may impose tolls on canals, &c.

SEC. 2. *And be it further enacted*, That the assent of the United States is hereby given, to any act which the Legislature of the State of Alabama may pass for imposing a toll on the use of such parts of the canal or canals, which have been or may be, constructed at or around the Muscle and Colbert's shoals of the river Tennessee: *Provided*, That such tolls shall be expended exclusively on the said canals, and shall not exceed in amount, the sum required to keep them in repair, and to defray the expenses of lock tenders, collectors, superintendents, and managers; and that no part of this act shall be construed as a repeal of the exemption, contained in the seventh section of the aforesaid act, of the property of the United States, and all persons in their service, from any toll whatever: *And provided further*, That an annual report shall be made to the Secretary of the Treasury of the United States, of the rate and amount of tolls charged or collected on said canals, and their application.

Proviso.

Proviso.

Approved, June 23, 1836.

CHAP. 138.—An Act for the relief of George Bender.

June 23, 1836.
Vol. 6, p. 642.

Allowed the pay of a major of engineers while superintending construction of the Delaware Breakwater.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of War settle and adjust the claim of George Bender, late a major in the army of the United States, and allow him the same pay and emolument that a major of engineers would have received, (if discharging the same duties,) for the time he was actually superintending the construction of the Delaware breakwater, under orders from the Quartermaster-General: and that the sum so found his due be paid out of any money in the treasury not otherwise appropriated.

Approved, June 23, 1836.

CHAP. 259.—An Act making additional appropriations for the Delaware breakwater, and for certain harbors, and removing obstructions in and at the mouths of certain rivers, and for other purposes, for the year one thousand eight hundred and thirty-six.

July 2, 1836.
Vol. 5, p. 67.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for carrying on and completing certain works heretofore commenced, viz:

Delaware Breakwater.

For continuing the Delaware breakwater, one hundred thousand dollars.

Chicago, Ill.

For continuing the improvement of the harbor of Chicago, Illinois, thirty-two thousand dollars.

Big Sodus Bay.

For continuing the improvement of Big Sodus bay, twelve thousand six hundred dollars.

Provincetown, Mass.

For the continuation of the works for the preservation of the beach at Provincetown harbor, Massachusetts, four thousand four hundred dollars.

Plymouth Beach.

For the continuation of the works for the preservation of Plymouth beach, Massachusetts, five hundred dollars.

Mouth of river Raisin.

For the continuation of the works at the harbor near the mouth of the river Raisin, Michigan Territory, fifteen thousand dollars.

Black River, Ohio.

For continuing the removal of obstructions at Black river, Ohio, six thousand six hundred and sixty dollars.

Cleveland Harbor.

For continuing the permanent improvement of Cleaveland harbor, Ohio, fifteen thousand dollars.

Grand River, Ohio.

For continuing the removal of obstructions at Grand river, Ohio, six thousand dollars.

Cunningham Creek.

For continuing the removal of obstructions at Cunningham creek, Ohio, one thousand two hundred and seventy-five dollars.

Conneaut Creek.

For continuing the removal of obstructions at Conneaut creek, Ohio, two thousand five hundred dollars.

Presque Isle.

For continuing the improvement of the harbor of Presque Isle, Pennsylvania, according to Colonel Totten's recommendation, fifteen thousand dollars.

Dunkirk, N. Y.

For continuing the improvement at Dunkirk harbor, New York, eleven thousand dollars.

Dredging-machine on Lake Erie.

For a dredging machine on Lake Erie, eight thousand dollars.

Mouth of Genesee River.

For continuing the works at the mouth of Genesee river, New York, twenty thousand dollars.

Oswego Harbor.

For continuing the pier and mole at Oswego harbor, New York, twenty thousand dollars.

Kennebunk.

For continuing the pier at Kennebunk, Maine, seven thousand five hundred dollars.

Hudson River.

For continuing the improvement of the navigation of the Hudson river, above and below Albany, in the State of New York, one hundred thousand dollars, to be expended according to the plan and estimate recommended by the Secretary of War.

New Castle, Del.

For continuing the improvement of the harbor of New Castle, Delaware, twenty-five thousand dollars.

Ocracoke Inlet.

For continuing the removal of obstructions at Ocracock inlet, North Carolina, nine thousand dollars.

Cape Fear river.

For continuing the improvement of the navigation of the Cape Fear river, below Wilmington, North Carolina, twenty thousand dollars.

Ohio River.

1835, ch. 25.

For the improvement of the navigation of the Ohio river, between Pittsburg and the falls of the Ohio, twenty thousand dollars, which, together with the unexpended balance of the appropriation for this purpose by the act of the third of March, A. D. eighteen hundred and thirty-five, shall be expended by direction of the Secretary of War, under the superintendence of the officers of the engineer corps heretofore employed on that service.

Ohio and Mississippi rivers.

For the improvement of the navigation of the Ohio and Mississippi rivers from Louisville to New Orleans, sixty thousand dollars.

Mississippi and Missouri rivers.

For the improvement of the Mississippi river above the mouth of the Ohio river, and for the Missouri river, forty thousand dollars, to be expended in such manner and for the removal of such obstructions as the Secretary of War shall direct.

Red River.

For continuing the removal of obstructions in Red river, Louisiana, and Territory of Arkansas, forty thousand eight hundred dollars.

Boat and working it.

For constructing a boat to prevent a new accumulation of obstruction in said river, within the old limits of the Great Raft, so called, fifteen thousand dollars, and the additional sum of fifteen thousand dollars to work and support the same.

Cumberland River, Kentucky.

For continuing the improvement of the Cumberland river, in Kentucky and Tennessee, twenty thousand dollars.

Chipola River, Florida.

For continuing the removal of obstructions in the Chipola river, in the Territory of Florida, four thousand dollars.

Channel between Saint Mary's and Saint John's.

For completing the inland channel between St. Mary's and St. John's, in the Territory of Florida, in addition to unexpended appropriations, according to the estimate of the Engineer Department, five thousand dollars.

Escambia River.

For continuing the removal of obstructions in, and improving the navigation of, the Escambia river, in the Territory of Florida, five thousand five hundred dollars.

For further improvements at the mouth of Huron river, in the State of Ohio, four thousand three hundred dollars. Huron River.

And the following sums, necessary to close accounts, in the office of the Third Auditor, viz. To close accounts in the Third Auditor's office.

For removing obstructions at Cunningham creek, Ohio, thirty-two dollars and thirty-six cents. Cunningham Creek.

For completing the pier at La Plaisance Bay, Michigan Territory, three hundred and twenty-three dollars and fifteen cents. La Plaisance Bay, Michigan.

For removing obstructions at Cleaveland harbor, Ohio, six dollars and fifty-nine cents. Cleveland Harbor.

For repairing breach in the peninsula at Presque Isle, one hundred and twenty-two dollars and eighty cents. Presque Isle.

* * * * *

For improvement of the navigation of the Ohio and Mississippi rivers from Pittsburg to New Orleans, under the act of second of March, eighteen hundred and thirty-one, seventeen thousand eight hundred dollars and five cents. Ohio and Mississippi Rivers. 1831, ch. 58.

For defraying the expenses incidental to making examinations and surveys, under the act of the thirtieth of April, eighteen hundred and twenty-four, of which sum five thousand dollars shall be appropriated and applied to geological and mineralogical surveys and researches in the Indian country on the public lands and in the Territories of the United States, thirty thousand dollars. Examinations and surveys. 1824, ch. 46.

Approved, July 2, 1836.

CHAP. 363.—An Act making appropriations for the improvement of certain harbors therein mentioned, for the year one thousand eight hundred and thirty-six, and for other purposes. July 4, 1836. Vol. 5, p. 128.

Be it enacted, by the Senate and House of Representatives of the United States of America in Congress assembled, That for the security of the navigation and commerce of the United States, the following sums of money be, and the same are hereby directed to be paid out of any money in the Treasury not otherwise appropriated, and placed at the disposition of the President, for the following objects, viz: Appropriations.

For erecting a breakwater on Stanford ledge, in Portland harbor, according to the plan reported by John Anderson, of the Engineer corps, in the year eighteen hundred and thirty-two, ten thousand dollars. Maine: Breakwater in Portland Harbor.

For the survey of a ledge near Owl's-head harbour, to determine the expediency of erecting thereon a breakwater to improve said harbor, four hundred dollars. For survey near Owl's Head Harbor.

For the examination and survey of the passage into Cobscook bay, in the State of Maine, for the purpose of ascertaining the practicability of removing two ledges whereby the navigation of said bay is materially obstructed, three hundred dollars. For survey at Cobscook Bay.

For deepening the channel of the Cocheco branch of the Piscataqua river, leading into Dover harbour, five thousand dollars. New Hampshire. Deepening Cocheco River.

For the improvement of the harbor at the mouth of Bass river, ten thousand dollars and forty-one cents. Massachusetts: Harbor of Bass River.

Removing wreck in New Bedford Harbor.

For removing the wreck in the harbor of New Bedford, ten thousand dollars.

Breakwater at Sandy Bay.

For the construction of a breakwater at Sandy bay, agreeably to the report of a survey made by direction of the Department of War, transmitted to Congress by the President, April twenty-third, eighteen hundred and thirty, ten thousand dollars.

Point of land in Duxbury.

For preserving the point of land leading to the fort and light-house at the Gurnet, in Duxbury, by hurdles or double ranges of piles, five thousand dollars.

Rainsford Island.

For the preservation of Rainsford island, in the harbor of Boston, fifteen thousand dollars.

Rhode Island:

Breakwater at Church's Cove Harbor.

For a breakwater at Church's Cove harbor, in the town of Little Compton, ten thousand dollars, agreeably to a survey made by Lieutenant-Colonel Anderson, of the United States topographical engineers, in eighteen hundred and twenty-seven.

Connecticut:

Saybrook Harbor.

For improving the harbor of Saybrook, by removing the bar at the mouth of Connecticut river, twenty thousand dollars.

Westport Harbor.

For improving the harbor of Westport, agreeably to the report of John Anderson, of the Engineer corps, three thousand dollars.

Fairweather Island.

For a sea-wall to preserve Fairweather island, near Black Rock harbor, ten thousand dollars.

Southport.

For securing the public works at the harbor of Southport, one thousand five hundred dollars.

Cedar Point.

For further securing the beach at Cedar point, in Connecticut, one thousand dollars.

Bridgeport Harbor.

For deepening the channel leading into Bridgeport harbor, ten thousand dollars.

Norwich Harbor.

For deepening the channel of the river Thames, leading into Norwich harbor, ten thousand dollars.

Vermont:

Breakwater, Burlington Harbor.

For building a breakwater or pier at the harbor of Burlington, ten thousand dollars.

Channel near Saint Albans.

For deepening the channel to eight feet between the islands of North and South Hero, near Saint Alban's in Lake Champlain, in Vermont, fifteen thousand dollars.

New York:

Portland Harbor, Lake Erie.

For the improvement of the harbor of Portland, on Lake Erie, ten thousand dollars.

Salmon River, Lake Ontario.

For the improvement of the harbor at the mouth of Salmon river, on Lake Ontario, according to the several plans of said harbor, submitted through the Department of War, five thousand dollars.

Oak Orchard Creek, Lake Ontario.

For the improvement of the harbor at the mouth of Oak Orchard creek, on Lake Ontario, according to the plan thereof made by Joseph G. Swift, civil engineer, five thousand dollars.

Black River.

For the improvement of the harbor at the mouth of Black river, in the county of Jefferson, five thousand dollars.

Breakwater at Plattsburg.

For building a breakwater or pier at the harbor of Plattsburg, ten thousand dollars.

Cattaraugus Creek, Lake Erie.

For improving the harbor at the mouth of Cattaraugus creek, on Lake Erie, fifteen thousand dollars.

Whitehall Harbor.

For improving the entrance of Whitehall harbor, on Lake Champlain, eight thousand dollars.

For building an ice-breaker on Staten island, nineteen thousand five hundred dollars. Ice-breaker, Staten Island.

For improving the harbor at New Brunswick, by removing the obstructions in the Raritan river, according to a plan reported to the War Department by Hartman Bache, seven thousand dollars. New Jersey: New Brunswick Harbor.

For the protection and improvement of Little Egg harbor, according to the plan reported to the War Department, five thousand dollars. Little Egg Harbor.

For a survey of Crow Shoal in Delaware bay, to ascertain the expediency of constructing a breakwater or artificial harbor, one thousand dollars. Survey of Crow Shoal.

For repairs at the harbor of Chester, three thousand dollars. Pennsylvania: Chester Harbor.

For removing the bar on the river Delaware, in the neighborhood of Fort Mifflin, with the view of improving the harbor of Philadelphia, fifteen thousand dollars. Delaware River, near Fort Mifflin.

For improving the harbor of Wilmington, by removing the bar at the mouth of Christiana river, according to the plan recommended by Hartman Bache, of the engineer corps, fifteen thousand dollars. Delaware: Wilmington Harbor.

For deepening the harbor of Baltimore, twenty thousand dollars. Maryland: Baltimore Harbor.

For a survey of the head waters of Chesapeake bay, pursuant to a resolution of the Legislature of Maryland, five hundred dollars. Survey on Chesapeake Bay.

For a survey of James river, with the view of improving the harbor of Richmond, five hundred dollars. Virginia: Survey of James River.

For improving the navigation of the natural channels at the northern and southern entrances of the Dismal Swamp canal, fifteen thousand dollars. Channels of Dismal Swamp Canal.

For removing a sand shoal in Pamtico river, five thousand dollars, by means of the dredging machine now in operation at Ocracock inlet. North Carolina: Shoal in Pamlico River.

For removing the oyster shoal in New river, Onslow county, by means of the dredging machine now in operation in the collection district of Wilmington, five thousand dollars. Shoal in New River.

To improve the harbor of Beaufort, five thousand dollars. Beaufort Harbor.

For a survey of the bar and harbor at Georgetown, one thousand dollars. South Carolina: Survey of Georgetown Harbor.

For the removal of the Brunswick bar, with the view of improving the harbor of Brunswick, ten thousand dollars. Georgia: Removing Brunswick Bar

For constructing two piers and improving the navigation at the mouth of Vermilion river, ten thousand dollars, according to the plan reported to the War Department. Ohio: Mouth of Vermilion River.

For the construction of a harbor at Michigan city, according to the plan reported to the War Department, twenty thousand dollars. Indiana: Michigan City Harbor.

For increasing the depth of water in the mouth of the Mississippi river, by closing some of the passages leading out of it, or by cutting a ship channel, or by any other means which shall be deemed expedient by the Secretary of War, with the approbation of the President of the United Louisiana: Mouth of Mississippi River.

States, seventy-five thousand dollars; the said sum to be expended in whole or in part, as may be thought proper by the War Department, after the necessary survey shall have been made.

Missouri: Pier near Saint Louis.

For a pier to give direction to the current of the Mississippi river, near the city of St. Louis, fifteen thousand dollars.

Survey of rivers in Arkansas and Missouri.

For the survey of Saint Francis, Black, and White rivers, in Arkansas and Missouri, to determine upon the expediency of removing the natural rafts thereon, one thousand dollars.

Florida: Removing Bulk Head Shoal.

For removing a mud shoal, called the Bulk Head, in the channel from East Pass to Appalachicola, ten thousand dollars.

Michigan: Mouth of Saint Joseph River.

For the construction of a pier or breakwater at the mouth of the river Saint Joseph, twenty thousand dollars.

Wisconsin: Survey of Milwaukee River.

For the survey of the mouth of Milwaukie river, on Lake Michigan, to determine the practicability of making a harbor by deepening the channel, four hundred dollars.

Reports upon surveys to contain estimates, &c.

SEC. 2. *And be it further enacted*, That the reports upon all the aforesaid surveys shall contain a statement of all such facts within the knowledge of the engineers respectively making the surveys, as are or may be in any way materially connected with the proposed improvements, and also with estimates, in detail, of the sums of money necessary for such improvements, respectively.

Approved, July 4, 1836.

Mar. 3, 1837. Vol. 5, p. 187.

CHAP. 44.—An Act to provide for certain harbors, and for the removal of obstructions in and at the mouths of certain rivers, and for other purposes, during the year one thousand eight hundred and thirty-seven.

Appropriations for carrying on certain works.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for carrying on and completing certain works heretofore commenced, to wit:

Chicago Harbor.

For continuing the improvement of the harbor of Chicago, Illinois, forty thousand dollars;

Michigan City.

For continuing the construction of a harbor at Michigan City, Indiana, thirty thousand dollars;

Saint Joseph River.

For continuing the construction of a pier or breakwater at the mouth of the river Saint Joseph, Michigan, fifteen thousand dollars;

River Raisin.

For the continuation of the works at the harbor near the mouth of the river Raisin, Michigan, thirty thousand dollars;

Cocheco River.

For completing the channel of the Cocheco branch of the Piscataqua river, in the State of New Hampshire, five thousand dollars;

Black River.

For continuing the improvement of the harbor at the mouth of Black river, in Jefferson county, State of New York, ten thousand dollars;

Whitehall Harbor.

For continuing the improvement of the harbor at Whitehall, in the State of New York, ten thousand dollars;

For continuing the improvement of the channel at the mouth of Genesee river, in the State of New York, ten thousand dollars; Genesee River.

For improving the harbor of Mobile, in the State of Alabama, by removing the bar of the Choctaw pass and Dog river bar, fifty thousand dollars; Mobile Harbor.

For continuing the removal of obstructions at Black river, Ohio, six thousand four hundred and ten dollars; Black River.

For continuing the removal of obstructions at the mouth of the Huron river, in Ohio, two thousand five hundred and sixty-five dollars; Huron River.

For continuing the improvement of the navigation at the mouth of Vermillion river, Ohio, twenty thousand dollars; Vermillion River.

For continuing the improvement of Cleaveland harbor, Ohio, ten thousand dollars; Cleveland Harbor.

For continuing the removal of obstructions at Cunningham creek, Ohio, five thousand dollars; Cunningham Creek.

For continuing the removal of obstructions at Ashtabula creek, Ohio, eight thousand dollars; Ashtabula Creek.

For continuing the removal of obstructions at Conneaut creek, Ohio, five thousand dollars; Conneaut Creek.

For continuing the improvement of the harbor of Presque Isle, Pennsylvania, fifteen thousand dollars; Presque Isle Harbor.

For continuing the improvement of Dunkirk harbor, New York, fifteen thousand dollars; Dunkirk Harbor.

For continuing the improvement of the harbor of Portland, Lake Erie, New York, ten thousand dollars; Portland Harbor.

For continuing the improvement of the harbor at Cattaraugus creek, Lake Erie, New York, ten thousand dollars; Cattaraugus Creek Harbor.

For continuing the improvement of the harbor of Salmon river, Lake Ontario, New York, ten thousand dollars; Salmon River Harbor.

For continuing the improvement of the channel between the North and South Hero islands, Lake Champlain, Vermont, six thousand dollars; North and South Hero islands.

For continuing the construction of a breakwater at Plattsburg, New York, ten thousand dollars; Plattsburgh.

For continuing the improvement of the harbor at the mouth of Oak Orchard creek, New York, five thousand dollars; Oak Orchard Creek.

For continuing the pier at Kennebunk, Maine, three thousand dollars; Kennebunk.

For continuing the improvement at Big Sodus bay, New York, twelve thousand dollars. Big Sodus Bay.

For continuing the pier and mole at Oswego harbor, New York, fifteen thousand dollars; Oswego Harbor.

* * * * *

For continuing the construction of a breakwater at Burlington, Vermont, ten thousand dollars; Burlington.

For continuing the breakwater on Stanford's Ledge, Portland harbor, Maine, twenty-five thousand dollars; Stanford's Ledge.

For continuing the breakwater at Sandy bay, Massachusetts, twenty thousand dollars; Sandy Bay.

For continuing the breakwater at Hyannis harbor, Massachusetts, five thousand dollars; Hyannis Harbor.

For continuing the improvement of the channel of the River Thames.

river Thames, leading into Norwich harbor, Connecticut, twenty thousand dollars;

Southport Harbor. For continuing the securing of the public works, at the harbor of Southport, Connecticut, one thousand dollars;

Westport Harbor. For improving the harbor of Westport, Connecticut, three thousand seven hundred and thirty-four dollars;

Hudson River. For continuing the improvement of the navigation of the Hudson river, above and below Albany, in the State of New York, one hundred thousand dollars; to be expended according to the plan and estimate recommended by the Secretary of war;

Chester Harbor. For continuing the repairs at the harbor of Chester, Pennsylvania, two thousand dollars;

Wilmington Harbor. For continuing the improvement of the harbor of Wilmington, Delaware, eight thousand dollars;

New Castle Harbor. For continuing the improvement of the harbor of Newcastle, Delaware, ten thousand dollars;

Delaware Breakwater. For continuing the Delaware breakwater, and constructing a wharf or mole pursuant to the report of Captain Delafield, one hundred and forty-one thousand dollars.

* * * * *

Baltimore Harbor. For continuing the improvement of the harbor of Baltimore, Maryland, fifteen thousand dollars;

Ocracoke Inlet. For continuing the removal of obstructions at Ocracoke inlet, North Carolina, twelve thousand and fifty dollars;

Cape Fear River. For continuing the improvement of the navigation of Cape Fear river, below Wilmington, North Carolina, ten thousand dollars;

Opening passage between the town of Beaufort and Pamlico Sound and improving New River. For opening a passage, of fifty yards wide and seven feet deep, at low water, between the town of Beaufort and Pamlico sound, North Carolina, and for improving New river, in addition to two sums of five thousand dollars each, appropriated at the last session of Congress for the harbor of Beaufort and for New river, twenty thousand dollars;

Channel between Saint Mary's and Saint John's. For continuing the improvements of the inland channel between Saint Mary's and Saint John's, Florida, five thousand dollars;

Cumberland River. For continuing the improvement of the Cumberland river in Kentucky and Tennessee, according to the report of Colonel Abert, United States Engineer, dated February twenty-third, eighteen hundred and thirty-five, of the survey of said river, fifty-five thousand dollars;

Red River. For continuing the removal of obstructions in the Red river, sixty-five thousand dollars;

Ohio River. For continuing the improvement of the Ohio river between the falls and Pittsburg, sixty thousand dollars;

Ohio and Mississippi Rivers. For continuing the improvement of the navigation of the Ohio and Mississippi rivers, from Louisville to New Orleans, sixty thousand dollars;

Mississippi River. For continuing the works for the removal of the obstructions to the navigation of the Mississippi river at its mouth, two hundred and ten thousand dollars;

Arkansas River. For continuing the works for the removal of the obstructions to the navigation of the Arkansas river, in addition to

the unexpended balance of thirty-five thousand dollars, the sum of twenty-five thousand dollars;

For continuing the improvement of the Mississippi river above the mouth of the Ohio, and of the Missouri river, forty thousand dollars;

Mississippi and Missouri Rivers.

For the erection of a pier in the Mississippi river, near Saint Louis, including the sum of fifteen thousand dollars, appropriated for that purpose at the last session of Congress, fifty thousand dollars;

Mississippi River.

For improving the navigation of the Ohio, Missouri, and Mississippi rivers, and to replace the steam snag-boat, Archimedes, sunk in the Mississippi river in November last, twenty-three thousand dollars:

Ohio, Missouri, and Mississippi Rivers. Steam snag-boat Archimedes.

For continuing the survey of Black and White rivers in Arkansas and Missouri, one thousand dollars;

Black and White Rivers.

For making a survey from the southern debouche of the Dismal Swamp canal, down the Pasquotank river to Elizabeth, thence to Croatan Sound, Pamlico and other sounds, near the coast of North Carolina; and thence by the most practicable route to Winyaw bay, in South Carolina, with a view to determine the practicability of opening an inland communication for steam navigation, from the Chesapeake bay to Charleston South Carolina, ten thousand dollars;

Survey with a view to determine the practicability of an inland communication between the Chesapeake and Charleston, S. C.

For improving the harbor of New Brunswick, New Jersey, by removing the obstructions in the Raritan river in addition to the appropriation of July four, eighteen hundred and thirty-six, six thousand nine hundred and sixty-three dollars;

New Brunswick Harbor.

SEC. 2. *And be it further enacted*, That when the corporate authorities of the town of Alexandria shall deposite the stock held by them in the Alexandria Canal Company, in the hands of the Secretary of the Treasury, with proper and competent instruments and conveyances in law to vest the same in the Secretary of the Treasury and his successors in office, for and on behalf of the United States, to be held in trust upon the same terms and conditions in all respects as the stocks held in the Chesapeake and Ohio Canal by the several cities of this District, were required to be held in and by virtue of the act approved on the seventh day of June, eighteen hundred and thirty-six, entitled "An act for the relief of the several corporate cities of the district of Columbia," that the Secretary of the Treasury be, and he is hereby authorized and directed to advance, out of any moneys in the Treasury not otherwise appropriated, to the Alexandria Canal Company, from time to time, as the progress of the work may require the same, such sums of money, not exceeding three hundred thousand dollars, as may be necessary to complete the said canal to the town and harbor of Alexandria; *Provided*, That the Alexandria Canal Company, in the construction of the remaining piers, abutments and works of their aqueduct over the Potomac river, are hereby prohibited and restrained from throwing earth or clay into the open river, and are required with the money furnished by this bill to remove all earth and clay, heretofore deposited by them in the river.

When the corporate authorities of Alexandria deposit their stock in the Alexandria Canal Company in the hands of the Secretary of the Treasury, with proper instruments, &c., to vest the same in him, &c., he is authorized to advance, from time to time, the moneys necessary to complete said canal, not exceeding $300,000.

Proviso.

To remove earth from river, &c.

Approved, March 3, 1837.

March 3, 1837. Vol. 5, p. 195.

CHAP. 46.—An Act to provide for continuing the construction, and for the repair of certain roads, and for other purposes, during the year eighteen hundred and thirty-seven.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, * * * * * *

SEC. 3. *And be it further enacted,* * * * * * *

Expenses incidental to making examinations, &c., under act of April 30, 1824, ch. 46, &c.

For defraying the expenses incidental to making examinations and surveys, under the act of the thirteenth of April, eighteen hundred and twenty-four, and for geological and mineralogical surveys and researches in the Indian country, on the public lands, and in the territories of the United States, thirty thousand dollars; * * * * *

Approved, March 3, 1837.

Mar. 19, 1838. Vol. 5, p. 215.

CHAP. 34.—An Act to continue in force an act therein mentioned, relating to the port of Baltimore.

The act passed Mar. 17, 1800, ch. 15, so far as relates to the act of Maryland, continued to Mar. 3, 1843.

1843, ch. 45.

Act of Jan. 19, 1861, ch. 11.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the act passed the seventeenth day of March, in the year one thousand eight hundred, entitled "An act declaring the assent of Congress to certain acts of the States of Maryland and Georgia," and which, by subsequent acts, has been revived and continued in force until the third day of March, one thousand eight hundred and thirty-eight, be, and the same, so far as it relates to the act of Maryland, is hereby revived and continued in force until the third day of March, one thousand eight hundred and forty-three. *Provided,* That nothing herein contained shall authorize the demand of a duty on tonnage on vessels propelled by steam, employed in the transportation of passengers.

Proviso.

Approved, March 19, 1838.

April 20, 1838. Vol. 5, p. 228.

CHAP. 59.—An Act making an appropriation for the removal of the great raft of Red River.

Appropriation for the removal of the Red River Raft in Louisiana and Arkansas.

1847, ch. 35.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of seventy thousand dollars be appropriated, out of any money in the Treasury not otherwise appropriated, for the complete removal of the great raft in Red River, in the States of Louisiana and Arkansas.

Approved, April 20, 1838.

July 7, 1838. Vol. 5, p. 264.

CHAP. 169.—An Act to provide for the support of the Military Academy of the United States for the year eighteen hundred and thirty-eight, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby appropriated,

to be paid out of any money in the Treasury not otherwise appropriated.

* * * * *

SEC. 5. *And be it further enacted*, That the following sums be, and the same are hereby appropriated, out of any unappropriated money in the Treasury, viz.: Appropriations.

* * * * *

For an outstanding balance of expenditure for surveys by the civil engineers, to enable that Department to settle and close the account for those surveys, two thousand dollars. Surveys by civil engineers.

* * * * *

Approved, July 7, 1838.

CHAP. 171.—An Act to provide for certain harbors and for the removal of obstructions in and at the mouths of certain rivers, and for other purposes, during the year one thousand eight hundred and thirty-eight. July 7, 1838. Vol. 5, p. 268.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for carrying on and completing certain works heretofore commenced, viz:

For continuing the improvement of the harbor of Chicago, Illinois, thirty thousand dollars; Chicago Harbor.

For continuing the construction of a harbor at Michigan City, Indiana, sixty thousand seven hundred and thirty-three dollars and fifty-nine cents; Michigan City Harbor.

For continuing the construction of a pier or breakwater at the mouth of the river Saint Joseph, Michigan, fifty-one thousand one hundred and thirteen dollars; Saint Joseph pier or breakwater.

For the continuation of the works at the harbor near the mouth of the river Raisin, Michigan, fifteen thousand dollars; Harbor near the mouth of the river Raisin.

For continuing the improvement of the harbor at the mouth of Black river, in Jefferson county, State of New York, twenty-two thousand four hundred and one dollars; Harbor at the mouth of Black River.

For continuing the improvement of the harbor at Whitehall, in the State of New York, fifteen thousand dollars; Whitehall Harbor.

For continuing the improvement of the channel at the mouth of Genesee river, in the State of New York, twenty-five thousand dollars; Genesee River.

For continuing the removal of obstructions at Black river, Ohio, five thousand dollars; Black River.

For continuing the removal of obstructions at the mouth of the Huron river, in Ohio, five thousand dollars; Huron River.

For continuing the improvement of the navigation at the mouth of Vermillion river, Ohio, twenty-three thousand six hundred and twenty-six dollars and fifty-seven cents; Vermillion River.

For continuing the improvement of Cleaveland harbor, Ohio, fifty-one thousand eight hundred and fifty-six dollars; Cleveland Harbor.

For continuing the removal of obstructions at Cunningham creek, Ohio, five thousand dollars; Cunningham Creek.

Ashtabula Creek. For continuing the removal of obstructions at Ashtabula creek, Ohio, eight thousand dollars;

Conneaut Creek. For continuing the removal of obstructions at Conneaut creek, Ohio, eight thousand dollars:

Presque Isle Harbor. For continuing the improvement of the harbor of Presque isle, Pennsylvania, thirty thousand dollars;

Dunkirk Harbor. For continuing the improvement of Dunkirk harbor, New York, ten thousand dollars;

Portland Harbor, New York. For continuing the improvement of the harbor of Portland, Lake Erie, New York, thirty-five thousand four hundred and sixty-six dollars;

Cattaraugus Creek Harbor. For continuing the improvement of the harbor at Cattaraugus creek, Lake Erie, New York, thirty-two thousand four hundred and ten dollars;

Salmon River Harbor. For continuing the improvement of the harbor of Salmon river, Lake Ontario, New York, thirty thousand dollars;

Plattsburg Breakwater. For continuing the construction of a breakwater at Plattsburg, New York, twenty-seven thousand five hundred dollars;

Oak Orchard Creek Harbor. For continuing the improvement of the harbor at the mouth of Oak Orchard creek, New York, five thousand dollars;

Pier at Kennebunk. For continuing the pier at Kennebunk, Maine, eight thousand dollars;

Big Sodus Bay. For continuing the improvement of Big Sodus bay, New York, ten thousand dollars;

Pier and mole at Oswego Harbor. For continuing the pier and mole at Oswego harbor, New York, forty-six thousand and sixty-seven dollars;

Breakwater at Burlington. For continuing the construction of a breakwater at Burlington, Vermont, fifty thousand dollars;

Breakwater on Stanford's Ledge. For continuing the breakwater on Stanford's Ledge, Portland harbor, Maine, twenty-six thousand three hundred and sixty-six dollars;

Breakwater at Hyannis. For continuing the breakwater at Hyannis harbor, Massachusetts, eight thousand seven hundred and sixty-four dollars;

Breakwater at Sandy Bay. For continuing the breakwater at Sandy Bay, Massachusetts, twenty thousand dollars;

River Thames. For continuing the improvement of the channel of the river Thames, leading into Norwich harbor, Connecticut, ten thousand dollars;

Westport Harbor. For improving the harbor of Westport, Connecticut, four thousand seven hundred and eighty-two dollars;

Hudson River. For continuing the improvement of the navigation of the Hudson river, above and below Albany, in the State of New York, one hundred thousand dollars; to be expended according to the plan and estimate recommended by the Secretary of War;

Wilmington Harbor. For continuing the improvement of the harbor of Wilmington, Delaware, nine thousand three hundred and fifty-six dollars;

New Castle Harbor. For continuing the improvement of the harbor of New Castle, Delaware, eleven thousand five hundred and seventy-three dollars;

Delaware Breakwater. For continuing the Delaware breakwater, one hundred and fifty thousand dollars;

Baltimore Harbor.

For continuing the improvement of the harbor of Baltimore, Maryland, twenty thousand dollars;

Cape Fear River.

For continuing the improvement of the navigation of Cape Fear river, below Wilmington, North Carolina, twenty thousand dollars;

Opening a passage between Beaufort and Pamlico Sound, and improving New River.

For opening a passage of fifty yards wide, and seven feet deep, at low water, between the town of Beaufort and Pamlico sound, North Carolina, and for improving New river, twenty-five thousand dollars;

Pamlico or Tar River.

For continuing the improvement of Pamlico, or Tar river, below Washington, North Carolina, five thousand dollars;

Inland channel between Saint Mary's and Saint John's.

For continuing the improvements of the inland channel between St. Mary's and St. John's, Florida, twenty-nine thousand dollars;

Dog River Bar and Choctaw Pass in Mobile Harbor.

For continuing the improvement at Dog river bar, and Choctaw pass, in Mobile harbor, fifty thousand dollars;

Cumberland River.

For continuing the improvement of the Cumberland river, in Kentucky and Tennessee, below Nashville, twenty thousand dollars;

Ohio River.

For continuing the improvement of the Ohio river, between the falls and Pittsburgh, fifty thousand dollars;

Ohio and Mississippi Rivers.

For continuing the improvement of the navigation of the Ohio and Mississippi rivers, from Louisville to New Orleans, seventy thousand dollars;

Mississippi and Missouri Rivers.

For continuing the improvement of the Mississippi river, above the mouth of the Ohio, and of the Missouri river, twenty thousand dollars;

Grand River.

For continuing the removal of obstructions in Grand river, Ohio, ten thousand dollars;

Works at Buffalo Harbor, etc.

For continuing the works at Buffalo harbor, twenty thousand five hundred dollars; and for erecting a mound or sea-wall along the peninsula which separates Lake Erie from Buffalo creek, to prevent the influx at the lake over said peninsula, forty-eight thousand dollars;

Plymouth Beach.

For continuing the preservation of Plymouth beach, two thousand four hundred dollars;

Provincetown Harbor.

For continuing the preservation of Provincetown harbor, four thousand five hundred dollars;

Rainsford Island.

For continuing the preservation of Rainsford island, seven thousand three hundred and fifty-three dollars;

Fair-weather Island sea-wall.

For continuing the sea-wall for the preservation of Fair-weather island, and repairing the breakwater near Black Rock harbor, Connecticut, eleven thousand five hundred and fifty dollars;

Harbor at the mouth of Bass River.

For continuing the improvement of the harbor at the mouth of Bass river, Massachusetts, ten thousand dollars;

Breakwater of Church's Cove.

For continuing the breakwater of Church's cove, town of Little Compton, Rhode Island, eighteen thousand dollars;

Little Egg Harbor.

For the protection and improvement of Little Egg harbor, ten thousand dollars;

Entrances of the Dismal Swamp Canal.

For improving the natural channels at the northern and southern entrances of the Dismal Swamp canal, ten thousand dollars;

Savannah River.

For the improvement of the navigation of Savannah river, Georgia, fifteen thousand dollars;

Arkansas River.

For the improvement of the Arkansas river, forty thousand dollars;

Removal of sand-bar in New Bedford Harbor. 1836, ch. 363.

For removing the sand-bar occasioned by the wreck in the harbor of New Bedford, the unexpended balance of an appropriation of ten thousand dollars, made July four, eighteen hundred and thirty-six, being seven thousand six hundred and ninety-one dollars and thirty-seven cents.

Deepening the straight channel in Appalachicola Harbor.

SEC. 2. *And be it further enacted*, That the appropriation heretofore made of ten thousand dollars, for removing the mud shoal, called the Bulkhead, in the harbor of Appalachicola, be, and the same is hereby, transferred to the deepening of the straight channel in the same harbor.

Of the sums appropriated by the first section of this act, which exceed $12,000, one-half shall be paid out in 1838 and the other in 1839.

SEC. 3. *And be it further enacted*, That of the several sums appropriated by the first section of this act, which exceed twelve thousand dollars each, one half thereof, if the public service require it, shall be paid out during the year eighteen hundred and thirty-eight, to be applied to the objects as above specified, and the other half in like manner, in the year eighteen hundred and thirty-nine.

Approved, July 7, 1838.

July 7, 1838. Vol. 5, p. 303.

CHAP. 190.—An Act making appropriations for certain roads in the Territory of Wisconsin.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and the same are hereby appropriated for the construction of roads in the Territory of Wisconsin, to wit:

* * * * *

Survey for improvement of navigation of Rock River.

For the survey, with the view of the improvement of the navigation of Rock river, from the Illinois line, as far up the same as the contemplated point of intersection with the Milwaukee and Rock river canal, and also of the Haven of the said river, next below Lake Kushkenong to Madison, the seat of Government of the Territory of Wisconsin, a sum not exceeding one thousand dollars.

Survey of Des Moines and Iowa rivers.

For the survey of the Des Moines and Iowa rivers, with a view to the improvement of their navigation, a sum not exceeding one thousand dollars.

* * * * *

Approved, July 7, 1838.

Mar. 3, 1839. Vol. 5, p. 328.

CHAP. 72.—An Act to authorize the construction of certainim provements in the Territory of Wisconsin and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for the further survey and estimate of the cost of improving the navigation of the Neenah and Wisconsin rivers and connecting the same by a navigable canal or water communication, two thousand dollars be, and the same are hereby appropriated;

For the further survey and an estimate for improving and connecting the Neenah and Wisconsin.

* * * * *

Approved, March 3, 1839.

CHAP. 76.—An Act making appropriations for building a pier at the northern extremity of Winnebago lake, and for other purposes.

Mar. 3, 1839.
Vol. 5, p. 330.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for the security of the navigation of the commerce of the United States, the following sums be, and the same hereby are, appropriated to be paid out of any money in the Treasury not otherwise appropriated, and to be applied to the following objects:

Appropriations.

For building a pier at the northern extremity of Winnebago lake, in the Territory of Wisconsin, the sum of five hundred dollars:

Pier at northern extremity of Winnebago Lake.

* * * * *

Approved, March 3, 1839.

CHAP. 78.—An Act for the improvement and survey of certain rivers, and the repair of certain roads in Florida.

Mar. 3, 1839.
Vol. 5, p. 331.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and the same are hereby, appropriated, to be paid out of any money in the Treasury, not otherwise appropriated, for the purposes herein specified, that is to say,

For the removal of obstructions at the mouth of the Suwannee river, and for the survey of the said river, with a view to its improvement, fifteen thousand dollars;

Removal of obstructions at mouth of, and survey of, Suwannee River.

For the survey of Yellow river, Florida, to ascertain the practicability and cost of removing the rafts which obstruct its navigability, five hundred dollars;

Survey of Yellow River.

* * * * *

Approved, March 3, 1839.

CHAP. 82.—An Act making appropriations for the civil and diplomatic expenses of Government for the year eighteen hundred and thirty-nine.

March 3, 1839.
Vol. 5, p. 339.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby appropriated, to be paid out of any unappropriated money in the Treasury, viz:

* * * * *

For deepening the straight channel of the east pass to Appalachicola, Florida, being the balance of an appropriation transferred to this improvement, and since carried to the surplus fund, nine thousand nine hundred dollars;

Re-appropriation for east pass to Appalachicola.

For improving the harbor of Saybrook, by removing the bar at the mouth of Connecticut river, being the balance of an appropriation carried to the surplus fund, fifteen thousand seven hundred and ten dollars;

Re-appropriation for Saybrook Harbor.

* * * * *

Approved, March 3, 1839.

Mar. 3, 1839.
Vol. 5, p. 352.

CHAP. 86.—An Act to authorize the construction of a road from Dubuque, in the Territory of Iowa, to the northern boundary of the State of Missouri, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

* * * * *

Secretary of War to cause a survey of Red Cedar River, within the Territory of Iowa, and an estimate to be made.

$1,500 appropriated.

SEC. 2. *And be it further enacted*, That the Secretary of War be, and he is hereby, empowered to cause a survey of Red Cedar river, within the said Territory, and an estimate to be made, with a view to the improvement of the navigation thereof above the town of Moscow, and the connection of the said navigation with the river Mississippi by a canal, extending from the vicinity of said town to some suitable point in or near the town of Bloomington; and to defray the expense of said survey and estimate, the sum of fifteen hundred dollars be, and the same is hereby, appropriated, out of any money in the Treasury not otherwise appropriated.

* * * * *

Approved, March 3, 1839.

May 8, 1840.
Vol. 5, p. 371.

CHAP. 22.—An Act making appropriations for the civil and diplomatic expenses of the Government for the year eighteen hundred and forty.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the Treasury, viz:

* * * * *

Payment to W. G. McNeill.

For compensation to William Gibbs McNeill, being an excess of expenditure over and above the appropriation for surveys made under his direction of the East pass of the Appalachicola Bay, one hundred and fifty dollars and twenty-nine cents;

* * * * *

Approved, May 8, 1840.

July 20, 1840.
Vol. 6, p. 807.

CHAP. 80.—An Act for the relief of Ebenezer Lobdell.

To be paid for extra labor in removing obstructions from the river Kennebec.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, authorized and directed to pay to Ebenezer Lobdell, out of any money in the treasury not otherwise appropriated, the sum of one thousand and seventy-five dollars and thirty-nine cents, for extra labor in clearing out certain obstructions in the river Kennebec, not within the terms of a contract executed by him and Peter Grant, the agent of the United States, on the thirtieth day of May, eighteen hundred and twenty-nine.

Approved, July 20, 1840.

CHAP. 24.—An Act making appropriations for certain fortifications of the United States, for the year one thousand eight hundred and forty-one.

Mar. 3, 1841. Vol. 5, p. 415.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the Treasury, for the preservation, repairs, construction, and incidental and contingent expenses of certain fortifications, in the year eighteen hundred and and forty-one, viz.:

Appropriations.

* * * * *

For repairs of sea-wall on Deer island, Boston harbor, one thousand five hundred dollars;

Deer Island.

For repairs of sea-wall on Rainsford island, Boston harbor, one thousand dollars;

Rainsford island.

For continuing sea-wall at St. Augustine, fifteen thousand dollars;

St. Augustine.

* * * * *

Approved, March 3, 1841.

CHAP. 25.—An Act to provide for the support of the Military Academy for the year one thousand eight hundred and forty-one.

Mar. 3, 1841. Vol. 5, p. 415.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

* * * * *

SEC. 2. *And be it further enacted*, That there be, and hereby is, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, the sum of four thousand three hundred and sixty-nine dollars, to pay a balance certified by the Topographical Bureau to be due to Lyon and Howard, as the balance upon a contract for building two steam dredging machines upon Lake Michigan.

Balance due Lyon & Howard for steam-dredges on Lake Michigan.

Approved, March 3, 1841.

CHAP. 36.—An Act making appropriations for the support of the army for the year one thousand eight hundred and forty-one.

Mar. 3, 1841. Vol. 5, p. 433.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same hereby are, appropriated to be paid out of any money in the Treasury not otherwise appropriated, for the support of the army for the year one thousand eight hundred and forty-one;

* * * * *

For removing the raft of Red river under the direction of the Secretary of War seventy-five thousand dollars;

For removing the Red River Raft.

* * * * *

Approved, March 3, 1841.

Sept. 4, 1841.
Vol. 5, p. 453.

CHAP. 16.—An Act to appropriate the proceeds of the sales of the public lands, and to grant pre-emption rights.

Certain States to be paid 10 per cent. on net proceeds of sales of public lands therein, in addition to what they are entitled by certain compacts.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That from and after the thirty-first day of December, in the year of our Lord one thousand eight hundred and forty-one, there be allowed and paid to each of the States of Ohio, Indiana, Illinois, Alabama, Missouri, Mississippi, Louisiana, Arkansas, and Michigan, over and above what each of the said States is entitled to by the terms of the compacts entered into between them and the United States, upon their admission into the Union, the sum of ten per centum upon the nett proceeds of the sales of the public lands, which, subsequent to the day aforesaid, shall be made within the limits of each of said States respectively: *Provided*, That the sum so allowed to the said States, respectively, shall be in no wise affected or diminished on account of any sums which have been heretofore, or shall be hereafter, applied to the construction or continuance of the Cumberland road, but that the disbursements for the said road shall remain, as heretofore, chargeable on the two per centum fund provided for by compacts with several of the said States.

Proviso: Said sum not affected by sums applied to the Cumberland road.

* * * * *

500,000 acres of land to be granted to States, specified in 1st section, for internal improvements.

Proviso: Grants heretofore made for such purposes to be included in said 500,000.

SEC. 8. *And be it further enacted*, That there shall be granted to each State specified in the first section of this act five hundred thousand acres of land for purposes of internal improvement: *Provided*, that to each of the said States which has already received grants for said purposes, there is hereby granted no more than a quantity of land which shall, together with the amount such State has already received as aforesaid, make five hundred thousand acres, the selections in all of the said States, to be made within their limits respectively in such manner as the Legislatures thereof shall direct; and located in parcels conformably to sectional divisions and subdivisions, of not less than three hundred and twenty acres in any one location, on any public land except such as is or may be reserved from sale by any law of Congress or proclamation of the President of the United States, which said locations may be made at any time after the lands of the United States in said States respectively, shall have been surveyed according to existing laws. And there shall be and hereby is, granted to each new State that shall be hereafter admitted into the Union, upon such admission, so much land as, including such quantity as may have been granted to such State before its admission, and while under a Territorial Government, for purposes of internal improvement as aforesaid, as shall make five hundred thousand acres of land, to be selected and located as aforesaid.

Selections, where to be made, and how.

To be located, how, where, and when.

Quantity granted to new States that shall hereafter be admitted.

Said lands not to be sold for less than $1.25 per acre.

SEC. 9. *And be it further enacted*, That the lands herein granted to the States above named shall not be disposed of at a price less than one dollar and twenty-five cents per acre, until otherwise authorized by a law of the United

States; and the nett proceeds of the sales of said lands shall be faithfully applied to objects of internal improvement within the States aforesaid, respectively, namely: Roads, railways, bridges, canals and improvement of water-courses, and draining of swamps; and such roads, railways, canals, bridges and water-courses, when made or improved, shall be free for the transportation of the United States mail, and munitions of war, and for the passage of their troops, without the payment of any toll whatever.

Net proceeds to be faithfully applied to internal improvements—objects specified.

Such roads, &c., to be free for transportation of United States mail, &c.

* * * * *

SEC. 17. *And be it further enacted*, That the two per cent. of the nett proceeds of the lands sold by the United States, in the State of Alabama, since the first day of September, eighteen hundred and nineteen, and reserved by the act entitled "An act to enable the people of the Alabama Territory to form a constitution and State government, and for the admission of such State into the Union on an equal footing with the original States," for the making of a road or roads leading to the said State, be, and the same is hereby, relinquished to the said State of Alabama, payable in two equal instalments, the first to be paid on the first day of May, eighteen hundred and forty-two, and the other on the first day of May, eighteen hundred and forty-three, so far as the same may then have accrued, and quarterly, as the same may thereafter accrue: *Provided*, That the Legislature of said State shall first pass an act, declaring their acceptance of said relinquishment, and also embracing a provision, to be unalterable without the consent of Congress, that the whole of said two per cent. fund shall be faithfully applied, under the direction of the Legislature of Alabama, to the connection, by some means of internal improvement, of the navigable waters of the bay of Mobile with the Tennessee river, and to the construction of a continuous line of internal improvements from a point on the Chattahoochie river, opposite West Point, in Georgia, across the State of Alabama, in a direction to Jackson, in the State of Mississippi.

The two per cent. relinquished to Alabama—payable when.

1819, ch. 47.

Proviso: Alabama first to pass an act accepting the same and embracing a certain provision for its application.

Approved, September 4, 1841.

CHAP. 17.—An Act making appropriations for various fortifications, for ordnance, and for preventing and suppressing Indian hostilities.

Sept. 9, 1841. Vol. 5, p. 458.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, namely:

* * * * *

For continuing sea-wall at Saint Augustine, Florida, five thousand dollars;

* * * * *

SEC. 3. *And be it further enacted*, That the following sums be in like manner appropriated:

* * * * *

Arrearages for roads, harbors, rivers, &c.

For arrearages due for roads, harbors, and rivers, where public works and improvements have hitherto been made, and for the protection of public property now on hand at these places, and for arrearages for surveys and completing maps authorized by act of March third, eighteen hundred and thirty-nine, forty thousand dollars;

* * * * *

Approved, September 9, 1841.

Sept. 11, 1841. Vol. 5, p. 468.

No. 6. A Joint Resolution making it the duty of the Attorney General to examine into the titles of the lands or sites for the purpose of erecting thereon armories and other public works and buildings, and for other purposes.

Attorney-General to make the examination, and report to the President.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be the duty of the Attorney General of the United States to examine into the titles of all the lands or sites which have been purchased by the United States, for the purpose of erecting thereon armories, arsenals, forts, fortifications, navy yards, custom-houses, light-houses, or other public buildings of any kind whatever, and report his opinion as to the validity of the title in each case, to the President of the United States.

Title papers to be furnished to the Attorney-General.

2. *Resolved*, That it shall be the duty of all the officers of the United States having any of the title papers to the property aforesaid in their possession, to furnish them forthwith to the Attorney General, to aid him in the investigation aforesaid.

Public money not to be expended on any site or land hereafter purchased until, &c.

3. *Resolved*, That no public money shall be expended upon any site or land hereafter to be purchased by the United States for the purposes aforesaid, until the written opinion of the Attorney General shall be had in favor of the validity of the title, and also the consent of the Legislature of the State in which the land or site may be shall be given to said purchaser.

District attorneys to furnish assistance.

4. *Resolved*, That it shall be the duty of the District Attorneys of the United States, upon the application of the Attorney General, to furnish any assistance or information in their power in relation to the titles of the public property aforesaid lying within their respective districts.

Secretaries of the Executive Departments to procure additional evidence.

5. *Resolved*, That it shall be the duty of the Secretaries of the Executive Departments, upon the application of the Attorney General, to procure any additional evidence of title which he may deem necessary, and which may not be in the possession of the officers of Government; the expense of procuring which to be paid out of the appropriations made for the contingencies of the Departments respectively.

Secretaries of the Executive Departments to apply to the State legislatures for jurisdiction over said lands, &c.

6. *Resolved*, That it shall be the duty of the Secretaries of the Executive Departments, respectively, under whose direction any lands for the purposes aforesaid may have been purchased, and over which the United States do not possess jurisdiction, to apply to the Legislatures of the States in which the lands are situated, for a cession of jurisdiction, and in case of refusal, to report the same to Congress at the commencement of the next session thereafter.

Approved, September 11, 1841.

CHAP. 35.—An Act for the relief of the Plumb Island Bridge and Turnpike Company.

June 4, 1842.
Vol. 6, p. 829.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That there be paid to the Plumb Island Bridge and Turnpike Company, of Newburyport, in the State of Massachusetts, out of any money in the Treasury not otherwise appropriated, the sum of eight thousand dollars, for the destruction of a bridge, occasioned by the construction of a breakwater by the United States.

To be paid $8,000 for the destruction of a bridge.

Approved, June 4, 1842.

CHAP. 183.—An Act making appropriations for the support of the army, and of the military academy, for the year one thousand eight hundred and forty-two.

Aug. 23, 1842.
Vol. 5, p. 508.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same hereby are, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the support of the army for the year one thousand eight hundred and forty-two.

Appropriations for the Army.

* * * * *

For arrearages and for the preservation of the public property at the several places of harbor and river improvement, fifteen thousand dollars.

Arrearages and preservation of public property.

* * * * *

SEC. 3. *And be it further enacted,*

* * * * *

For building and repairing the necessary boats, and for carrying on the improvements on the Missouri, Mississippi, Ohio, and Arkansas rivers, one hundred thousand dollars, under the direction of the Secretary of War; and, for the preservation and repairs of public works heretofore constructed for the improvement of harbors, thirty thousand dollars.

Improvements on the western rivers.

Preservation and repairs of works for improvement of harbors.

Approved, August 23, 1842.

CHAP. 288.—An Act making appropriations for certain fortifications of the United States, for the year one thousand eight hundred and forty-two.

Aug. 31, 1842.
Vol. 5, p. 582.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the Treasury, for the preservation, repairs, and construction of certain fortifications, in the year eighteen hundred and forty-two, viz.:

Appropriation.

* * * * *

For repairs of sea-wall on Deer Island, Boston harbor, two thousand dollars.

Deer Island.

* * * * *

Approved, August 31, 1842.

Feb. 24, 1843.
Vol. 5, p. 602.

CHAP. 45.—An Act to continue in force an act therein mentioned, relating to the port of Baltimore.

Act of Mar. 17, 1800, ch. 15, so far as relates to Maryland, revived and continued to June 1, 1850, act of January 19, 1861, ch. 11.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the act passed the seventeenth day of March, one thousand eight hundred, entitled "An act declaring the assent of Congress to certain acts of the States of Maryland and Georgia," and which by subsequent acts has been revived and continued in force until the third of March, one thousand eight hundred and forty-three, be, and the same, so far as it relates to the act of the State of Maryland, is hereby revived and continued in force until the first day of June, in the year one thousand eight hundred and fifty: *Provided*, That nothing herein contained shall authorize the demand of a duty on tonnage on vessels propelled by steam employed in the transportation of passengers.

Proviso. 1850, ch. 17.

Approved, February 24, 1843.

Mar. 1, 1843.
Vol. 5, p. 604.

CHAP. 52.—An Act making appropriations for the support of the army and of the military academy, and for armories, arsenals, arms and munitions of war, and surveys, for the half calendar year ending the thirtieth day of June, one thousand eight hundred and forty-three, and for the fiscal year beginning the first day of July, one thousand eight hundred and forty-three, and ending the thirtieth day of June, one thousand eight hundred and forty-four.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same hereby are, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the support of the army and of the military academy, and for armories, arsenals, arms and munitions of war, and surveys, for the half calendar year, commencing on the first day of January, and ending the thirtieth day of June, one thousand eight hundred and forty-three, and for the fiscal year beginning the first day of July, one thousand eight hundred and forty-three, and ending the thirtieth day of June, one thousand eight hundred and forty-four:

* * * * *

Surveys.

For surveys in reference to the military defences of the frontier, inland and Atlantic, for the said fiscal year, including a survey of the direct communication from Albemarle Sound to the Atlantic ocean, with a view to re-open a ship channel, fifteen thousand dollars.

* * * * *

Improvements on the western rivers.

For the continuation of improvements on the Missouri, Mississippi, Ohio and Arkansas rivers, for said half year, fifty thousand dollars; and for said fiscal year, one hundred thousand dollars.

* * * * *

Approved, March 1, 1843.

CHAP. 67.—An Act for the relief of George Randall, John C. Haskell, and Elisha H. Holmes.

Mar. 1, 1843.
Vol. 6, p. 888.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, directed to pay to George Randall, John C. Haskell, and Elisha H. Holmes, or their legal representatives, the sum of three thousand four hundred and seventy-one dollars, and fifty-seven cents, out of any money in the treasury not otherwise appropriated, being the amount of labor bestowed and expenses incurred by them as contractors for removing the bar at Saybrook, in the state of Connecticut, over and above the amount appropriated by the twenty-fourth Congress for that purpose.

To be paid for removing the bar at Saybrook.

Approved, March 1, 1843.

CHAP. 70.—An Act making appropriations for certain fortifications of the United States for the half calendar year beginning on the first day of January and ending on the thirtieth day of June, one thousand eight hundred and forty-three; and for the fiscal year beginning on the first day of July, one thousand eight hundred and forty-three and ending on the thirtieth day of June, one thousand eight hundred and forty-four.

Mar. 3, 1843.
Vol. 5, p. 607.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any unappropriated money in the Treasury, for the preservation, repairs, and construction of certain fortifications, for the half calendar year beginning on the first day of of January, and ending on the thirtieth day of June, one thousand eight hundred and forty-three; and for the fiscal year beginning on the first day of July, one thousand eight hundred and forty-three, and ending on the thirtieth day of June, one thousand eight hundred and forty-four:

Appropriations.

* * * * *

For sea-wall on Lovell's island, Boston harbor, for the said fiscal year, sixteen thousand dollars.

Lovell's Island.

* * * * *

Approved, March 3, 1843.

CHAP. 85.—An Act for the protection of commerce on Lake Michigan.

Mar. 3, 1843.
Vol. 5, p. 619.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and the same are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, for the protection of commerce on Lake Michigan.

For the half calendar year from the first of January to thirtieth June, eighteen hundred and forty-three; and for the fiscal year from the first day of July, eighteen hundred

and forty-three, to the thirtieth June eighteen hundred and forty-four, viz:

Milwaukee Harbor.

For the construction of a harbor at the most suitable situation at or near Milwaukie in the Territory of Wisconsin, to be made under the survey of an officer to be appointed by the Secretary of War, for the said half calendar year, fifteen thousand dollars; and for the said fiscal year, fifteen thousand dollars.

* * * * *

Chicago Harbor.

For continuing the public works at the harbor of Chicago, in the State of Illinois, for the said half calendar year, ten thousand dollars; and for the said fiscal year, fifteen thousand dollars.

Saint Joseph Harbor.

For continuing the public works at the harbor of St. Joseph in the State of Michigan; for the said half calendar year, ten thousand dollars; and for the said fiscal year, fifteen thousand dollars.

Location of Milwaukee Harbor.

SEC. 2. *And be it further enacted*, That before the money hereby appropriated for the construction of a harbor at or near said Milwaukie, shall be expended, the corps of topographical engineers shall select from actual examination and survey the point of location of said harbors.

Approved, March 3, 1843.

Mar. 3, 1843.
Vol. 6, p. 898.

CHAP. 147.—An Act for the relief of Samuel Weller.

To be paid for materials furnished for the breakwater at Plattsburgh.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the accounting officers of the treasury department be, and they are hereby, directed and required to ascertain the quantity of timber, stone and other materials delivered by Samuel Weller, after the twentieth of March, one thousand eight hundred and thirty-nine, for the construction of a breakwater at the harbor at Plattsburg, Lake Champlain, New York, under certain agreements made with the superintendent for the construction of said breakwater, in the summer or fall of one thousand eight hundred and thirty-eight, and of the eighth of February, one thousand eight hundred and thirty-nine; and when the quantity is so ascertained of the size and quality described in said contracts, that the Secretary of the Treasury be, and he is hereby, authorized and directed to pay to said Samuel Weller, the prices stipulated in said contracts for the same, out of any moneys in the treasury not otherwise appropriated.

Approved, March 3, 1843.

June 11, 1844.
Vol. 5, p. 661.

CHAP. 44.—An Act making appropriations for the improvement of certain harbors and rivers.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums be, and the same are hereby, appropriated, to be paid out of any unappropriated money in the treas-

ury, for the prosecution and completion of the following works, viz:

For the improvement of the Ohio river between Pittsburg and the Falls of Louisville, one hundred thousand dollars: Ohio River.

For the improvement of the Ohio river below the Falls at Louisville, and of the Mississippi, Missouri, and Arkansas rivers, one hundred and eighty thousand dollars:

For removing obstructions to the navigation in the harbor of St. Louis, twenty-five thousand dollars: Harbor of Saint Louis.

For the continuation of the breakwater structure at Burlington, Lake Champlain, State of Vermont, ten thousand dollars: Breakwater at Burlington, Vt.

For the continuation of the breakwater structure at Plattsburg, on Lake Champlain, State of New York, ten thousand dollars: Breakwater at Plattsburgh, N. Y.

For the continuation of the works at Port Ontario, Lake Ontario, five thousand dollars: Port Ontario.

For the continuation of the works at the harbor of Oswego, Lake Ontario, State of New York, twenty thousand dollars: Harbor of Oswego, N. Y.

For the further removal of obstructions at the mouth of the Genesee river, in the State of New York, ten thousand dollars: Mouth of Genesee River, New York.

For the continuation of the work at Oak Orchard Creek, Lake Ontario, five thousand dollars: Oak Orchard Creek.

For continuing the improvement at Big Sodus bay, Lake Ontario, five thousand dollars: Big Sodus Bay.

For continuation and enlargement of the present harbor at Buffalo, State of New York, forty thousand dollars: Harbor at Buffalo, N. Y.

For continuation of the works at Dunkirk, State of New York, five thousand dollars: Dunkirk, N. Y.

For continuation of the works at the harbor of Erie, on Lake Erie, forty thousand dollars: Erie Harbor.

For the continuation of the works at Conneaut harbor, in the State of Ohio, five thousand dollars: Conneaut Harbor, Ohio.

For continuing the improvement of the harbor at Ashtabula, Ohio, five thousand dollars: Harbor of Ashtabula, Ohio.

For the further improvement of Grand River harbor, in the State of Ohio, ten thousand dollars: Grand River Harbor, Ohio.

For continuing the works at the Huron harbor, on Lake Erie, five thousand dollars: Huron Harbor.

For the continuation of the works at the harbor of Cleveland, Ohio, twenty-five thousand dollars: Harbor of Cleveland, Ohio.

For the preservation of the harbor at Sandusky city, Ohio, and improving the same, fifteen thousand dollars; the same to be expended under the orders of the Secretary of War, and according to such plan of improvement as may be recommended by him: Harbor Sandusky City, Ohio.

For the further improvement of River Raisin harbor, Michigan, twenty thousand dollars: River Raisin Harbor, Michigan.

For the further improvement of the harbor at St. Joseph, Michigan, twenty thousand dollars: Harbor of Saint Joseph, Mich.

For continuing the improvement of the harbor of Michigan city, State of Indiana, twenty-five thousand dollars: Harbor of Michigan City, Ind.

Harbor of Chicago, Ill.

For the further improvement of the harbor of Chicago, Illinois, thirty thousand dollars:

Harbor of Milwaukee, Wis.

For continuing the works at the harbor at Milwaukie, Wisconsin, twenty thousand dollars:

Harbors on the lakes, not enumerated, but authorized by law.

For the preservation and repair of harbors on the lakes, other than those enumerated, the construction of which has been authorized by law, and which have been partially completed, twenty thousand dollars.

Approved, June 11, 1844.

June 15, 1844. Vol. 5, p. 663.

CHAP. 50.—An Act granting a section of land for the improvement of Grant river at the town of Potosi, in Wisconsin Territory.

One section of land granted; to be divided into lots and disposed of.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and hereby is, granted to the Territory of Wisconsin, section number thirty-four, in township number three north, in range number three west, of the fourth principal meridian in the said Territory, for the purpose of improving Grant river, known as the Grant Slue, at the town of Potosi, in the said Territory, and for no other use or purpose whatever: and the said land shall be surveyed, and divided into lots, and shall be sold and disposed of in such manner, and under such regulations and restrictions, as the Legislature of the said Territory shall establish: *Provided*, That in disposing of the same, pre-emption rights shall be granted to actual settlers and occupants residing on said lots, at the time of the passage of this act, according to the provisions and restrictions in the next section provided.

Proviso: Pre-emption rights to be granted to actual settlers.

Commissioners to be appointed to value occupied lots and occupants to pay assessed value within one year.

SEC. 2. *And be it further enacted*, That the Surveyor-General of Wisconsin and Iowa, shall appoint three disinterested commissioners, whose duty it shall be to view and examine all the lots which are actually occupied and improved, and assess the true value of said lots, without taking into the estimation, any of the improvements on the same; and the occupants of said lots, by paying, within one year from the passage of this act, the assessed value as aforesaid of their respective lots, shall be entitled to the right of pre-emption as aforesaid; and upon the failure of any, or all said occupants to do so, the said lot or lots to the extent of such failure, shall be sold as other lots in said town: *Provided*, That the said occupants may at any time before said lots are sold, pay the assessed value and thereby save their right of pre-emption aforesaid: *And provided further*, That the said commissioners aforesaid shall, before they enter upon their duties as such, be sworn faithfully to discharge their duties according to the provisions of this act; and they shall receive a compensation for their services to be prescribed by the legislature of said Territory: *Provided*, That the whole compensation to said Commissioners shall not exceed the sum of one hundred and twenty dollars.

Proviso.

Proviso: Commissioners to be sworn and receive compensation.

Proviso.

Approved, June 15, 1844.

CHAP. 60.—An Act making appropriations for certain improvements on the western shore of Lake Michigan.

June 15, 1844.
Vol. 5, p. 668.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of twelve thousand five hundred dollars be, and is hereby appropriated, out of any moneys in the treasury not otherwise appropriated, for the construction of a harbor at the town of Southport, in the Territory of Wisconsin.

Harbor at Southport, Wis.

SEC. 2. *And be it further enacted*, That the corps of topographical engineers shall select, from actual examination and survey, the point of location of said harbor.

Topographical Engineers to select the location.

SEC. 3. *And be it further enacted*, That the money hereby appropriated shall be expended under the direction of the War Department.

Money to be expended under direction of War Department.

Approved, June 15, 1844.

CHAP. 61.—An Act making appropriations to aid in completing the harbor at Racine, on the western shore of Lake Michigan.

June 15, 1844.
Vol. 5, p. 668.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of twelve thousand five hundred dollars be, and is hereby appropriated, to be paid out of any moneys in the treasury not otherwise appropriated, to aid in the completion of a harbor already commenced by the citizens of the town of Racine, at the mouth of Root river, in the Territory of Wisconsin.

Appropriation.

SEC. 2. *And be it further enacted*, That the money hereby appropriated shall be expended under the direction of the War Department.

To be expended under direction of War Department.

Approved, June 15, 1844.

CHAP. 66.—An Act making appropriation for certain improvements in the Territory of Iowa.

June 15, 1844.
Vol. 5, p. 670.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and they are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction of the Secretary of War.

Appropriations to be expended under direction of Secretary of War.

For the improvement of the harbor at the town of Dubuque, seven thousand five hundred dollars; *Provided*, upon due examination and survey, under the direction of the Secretary of War, it shall appear that a permanent improvement can be accomplished and completed for this amount, so as to admit the landing of steamers of the largest class navigating the river at the town of Dubuque at all seasons of the year.

Dubuque Harbor; provided it will make a permanent improvement.

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Approved, June 15, 1844.

June 15, 1844. Vol. 5, p. 670.

CHAP. 67.—An Act making appropriations for certain improvements in the Territory of Florida.

To be expended under direction of Secretary of War.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby appropriated for improvements in the Territory of Florida, to be expended under the direction of the Secretary of War, to wit:

Choctawhatchie and Holmes' Rivers.

For removal of obstructions to the navigation of the rivers Choctawhatchie, and Holmes, ten thousand dollars;

* * * * *

Connecting Indian River and Mosquito Lagoon.

For connecting the waters of Indian river and Mosquito lagoon, at the Haulover, one thousand five hundred dollars;

Saint Mark's River.

For removal of obstructions in the navigation of the river St. Mark's, above its confluence with the Wakulla river, two thousand five hundred dollars.

Approved, June 15, 1844.

June 15, 1844. Vol. 6, p. 916.

CHAP. 85.—An Act for the relief of George M. Jones.

Payment for blacksmith's work, &c., at Nantucket Harbor.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, directed to pay to George M. Jones, or his heirs, the sum of three hundred and twenty dollars, and eighty-nine cents, out of any money in the treasury not otherwise appropriated, being the balance due him on his account of blacksmith work done, and materials furnished to Jonathan Prescott, as agent of the United States, for the use of the dredging-machine while at work in removing the bar at Nantucket harbor in eighteen hundred and thirty-two.

Approved, June 15, 1844.

June 15, 1844. Vol. 6, p. 916.

CHAP. 87.—An Act for the relief of Gervis Foote.

Payment for delivery of stone at Barcelona.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, directed to pay to Gervis Foote, of the State of New York, or his heirs, the sum of eleven hundred and fifty dollars, out of any money in the treasury not otherwise appropriated, being the amount agreed to be paid to him by the agent of the United States, under his contract for the delivery of a certain quantity of stone on the bank of Lake Erie, at Barcelona, in eighteen hundred and thirty-eight, and eighteen hundred and thirty-nine.

Approved, June 15, 1844.

June 15, 1844. Vol. 6, p. 916.

CHAP. 88.—An Act for the relief of Samuel B. Folger.

Payment for blacksmith's work, &c., at Nantucket Harbor.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, directed to pay to Samuel B. Folger, or his heirs, the sum of five hun-

dred and thirty-six dollars and seventy-four cents, out of any money in the treasury not otherwise appropriated, being the amount of his account of blacksmith work done, and materials furnished to Lieutenant Jonathan Prescott, for the use of the public works at Nantucket harbor, then under his charge as an officer in the engineer service of the United States, during the years eighteen hundred and thirty, eighteen hundred and thirty-one, and eighteen hundred and thirty-two.

Approved, June 15, 1844.

CHAP. 89.—An Act for the relief of Samuel B. Tuck.

June 15, 1844. Vol. 6, p. 916.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, directed to pay Samuel B. Tuck or his heirs, a just and reasonable price for thirty and nineteen thirty-sixths chaldrons of Virginia coal delivered to Lieutenant Jonathan Prescott, as agent of the United States at Nantucket harbor, in the year one thousand eight hundred and thirty-two, out of any money in the treasury not otherwise appropriated: *Provided*, The whole amount to be paid under this act shall not exceed the sum of four hundred and twelve dollars and twelve cents.

Payment for coal delivered at Nantucket Harbor.

Proviso.

Approved, June 15, 1844.

CHAP. 105.—An Act making appropriations for the civil and diplomatic expenses of Government for the fiscal year ending the thirtieth day of June, eighteen hundred and forty-five, and for other purposes.

June 17, 1844. Vol. 5, p. 681.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

* * * * *

SEC. 2. *And be it further enacted*, That whenever, hereafter, in submitting to Congress the annual estimates from the several Executive Departments of the Government, it shall be found that the usual items of such estimates vary materially in amount from the appropriation ordinarily asked for the object named, and especially from the appropriation granted for the same objects for the year next preceding, and whenever new items not theretofore usual shall be introduced into such estimates for any year, the estimates shall be accompanied by minute and full explanations from the head of the appropriate department, of all such variations and new items, setting forth the reasons and grounds upon which the amounts are required, and the different items added: and whenever any such estimate, whether annual or special, shall ask an appropriation for any new specific expenditure, such as the construction of a fort, the erection of a custom-house, or other public building, or the construction of any other public work requiring a plan before the building or work can be properly completed, every such estimate shall be accompanied by a full plan and detailed

When the usual items vary materially in amount from the ordinary appropriation for that object, &c.

All estimates for work requiring a plan must be accompanied with one.

estimates of the cost of the whole work; and all subsequent estimates for every such work shall give the original estimated cost, the aggregate amount theretofore appropriated for the same, and the amount actually expended thereupon, as well as the amount asked for the current year for which such estimates shall be made; and whenever any such subsequent estimates shall ask for an appropriation for any such work beyond the original estimate of the cost, the full reasons for the excess, and the extent of the anticipated excess, shall be also stated.

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Approved, June 17, 1844.

Feb. 13, 1845. Vol. 6, p. 935.

CHAP. 11.—An Act for the relief of Gidèon Batchelder and others.

To be paid for stone for Sandy Bay Breakwater.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury pay, out of any money in the treasury not otherwise appropriated, such sum as shall be found equitably due to Gideon Batchelder and others, by the proper accounting officer, for any stone delivered in the years one thousand eight hundred and thirty-eight and one thousand eight hundred and thirty-nine, towards the erection of Sandy Bay Breakwater, near Gloucester, Massachusetts, under the inspection and by the assent of the public agent there at that time; the price not to exceed the previous contract price, and none to be paid for which was so delivered after the year one thousand eight hundred and thirty-nine, or which was not suitable for the work, and useful either for its completion or preservation.

Approved, February 13, 1845.

Feb. 26, 1845. Vol. 6, p. 936.

CHAP. 21.—An Act for the relief of the president and directors of the Dismal Swamp Canal Company.

Authorized to retain certain dividends.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the said company are hereby authorized to retain the dividends hereafter to be declared, and now on hand, on eight hundred shares held by the United States in the stock of said canal company, to be applied to refund the principal and interest on thirty-two thousand seven hundred and twelve dollars and thirty-two cents—moneys advanced by said company to complete the work originally undertaken, and partly executed, by the agents of the United States; and that the same be paid to the company before any of the dividends accruing on said stock be paid into the treasury of the United States.

Approved, February 26, 1845.

CHAP. 42.—An Act to grant certain lands to the State of Indiana, the better to enable the said State to extend and complete the Wabash and Erie canal from Terre Haute to the Ohio river.

Mar. 3, 1845.
Vol. 5, p. 731.

Act of Feb. 27, 1841, ch. 12.

Lands granted on the canal.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and hereby is, granted to the State of Indiana, for the purpose of aiding said State in extending and completing the Wabash and Erie canal from Terre Haute, in the county of Vigo, in said State, to the Ohio river, at Evansville, in said State, as the course thereof has been established and surveyed by the authority of said State, one moiety of the public lands, (remaining unsold, and not otherwise disposed of, encumbered or appropriated,) in a strip five miles in width on each side of said canal; to be selected by an agent or agents to be appointed by the Governor of said State, subject to the approval of the Secretary of the Treasury of the United States; reserving to the United States each alternate section, (or other proper subdivision of said land,) from one end of said canal to the other; and before the selection, to be made as aforesaid by such agent or agents, shall be deemed to have been made and perfected, a chart or charts, showing the courses and distances and points of termination of said canal, shall be reported, or caused to be reported by the Governor of Indiana, or by some person or persons by him appointed to the Commissioner of the General Land Office.

Lands reserved.

Chart of the canal to be reported to Gen'l Land Office.

SEC. 2. *And be it further enacted*, That, for the purpose hereinbefore mentioned, there be, and hereby is, granted to the said State, in addition to the grant hereinbefore provided for, one moiety of all the other lands in the Vincennes land district, in said State, and which remain, as aforesaid, unsold, and not otherwise disposed of, encumbered or appropriated, to be selected under the authority and by the direction of the Governor of said State: *Provided*, That, in the selection of the lands by this section provided for, no lands shall be comprehended which, in and by the first section of this act, are (in alternate sections or other proper subdivisions) directed to be reserved as aforesaid; and the lands so selected shall be reported, or caused to be reported, by the Governor of said State, to the register of the land office at Vincennes, before such selection shall be deemed to be made and completed.

Lands granted in Vincennes district.

Their selection.

Lands selected to be reported to the register.

SEC. 3. *And be it further enacted*, That all the lands, by the first and second sections of this act granted as aforesaid, shall, after the selections thereof shall have been made and completed as aforesaid, be subject to be disposed of by the General Assembly of said State, for the purpose aforesaid, and no other; and the President shall direct the further sales of the public lands, in the Vincennes land district aforesaid, to be suspended until the Governor of said State shall have caused the selections aforesaid to be made and perfected as aforesaid, and shall have notified the Secretary of the Treasury thereof: *Provided*, That such suspension shall not continue longer than twelve months from and after the passing of this act.

Disposal of the lands granted by 1st and 2d sections this act.

Sale of lands in Vincennes district suspended.

U. S. to have use of the canal free.

SEC. 4. *And be it further enacted*, That the said canal when completed, shall be and forever remain a public highway for the use of the Government of the United States, free from any toll or other charge whatever, for any property of the United States, or persons in their service, passing through or along the same; and shall be completed within fifteen years from and after the passing of this act, or the State shall be holden to pay to the United States the amount of the price or prices for which any and all of said land which may have been disposed of by said State may have sold; and such of said lands as may not have been thus disposed of shall, from and after said fifteen years, if said canal should not then have been completed, revert to and and again become the property of the United States: *Provided always*, That it shall not be competent for the said General Assembly to dispose of said lands, or any of them, at a price lower than, for the time being, shall be the minimum price of other public lands.

Canal to be completed in 15 years, or land to revert to the United States.

Price of the lands limited.

Approved, March 3, 1845.

Mar. 3, 1845. Vol. 6, p. 940.

CHAP. 57.—An Act for the relief of Phillip Schwartztrawber of Ohio.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury is authorized to pay to Philip Schwartztrawber, for his services in taking care of the booms left on Red river by Captains Tyson and Shreve, the sum of two hundred and forty dollars, out of any money in the treasury not otherwise appropriated.

To be paid for taking care of booms on Red River.

Approved, March 3, 1845.

Mar. 3, 1845. Vol. 5, p. 742.

CHAP. 68.—An Act making appropriations for certain fortifications of the United States, for the year ending on the thirteenth of June, eighteen hundred and forty-six.

Be enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby appropriated, to be paid out of any unappropriated money in the Treasury for the preservation, repairs, and construction of certain fortifications for the fiscal year beginning on the first day of July, one thousand eight hundred and forty-five, and ending on the thirtieth day of June, one thousand eight hundred and forty-six:

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St. Augustine.

For completing the sea-wall at St. Augustine, including the transfer of the sum of one thousand one hundred and thirty-three dollars and four cents, being a balance remaining in agent's hands of an appropriation for the repairs of Fort Marion, six thousand four hundred dollars;

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Approved, March 3, 1845.

CHAP. 67.—An Act to continue the harbor improvement already commenced at the town of Southport, in the town of Southport, in the Territory of Wisconsin.

Mar. 3, 1845.
Vol. 5, p. 748.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of fifteen thousand dollars be, and the same is hereby appropriated, out of any money in the treasury not otherwise appropriated, for the purpose of aiding in the completion of the harbor already commenced at the town of Southport, in the Territory of Wisconsin; and that the same be expended under the direction of the War Department.

Appropriations.

Approved, March 3, 1845.

CHAP. 73.—An Act making appropriations for certain improvements in the Territory of Iowa.

Mar. 3, 1845.
Vol. 5, p. 778.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and they are hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, for the improvement and construction of the following roads in the Territory of Iowa, to wit:

Appropriations.

* * * * *

For the improvement of the harbor at the town of Dubuque, in addition to the appropriation of last year, seven thousand dollars.

Harbor at Dubuque.

Approved, March 3, 1845.

CHAP. 103.—An Act granting certain Lands to the Territory of Iowa, to aid in the Improvement of the Navigation of the Des Moines River, in said Territory.

Aug. 8, 1846.
Vol. 9, p. 77.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and hereby is, granted to the Territory of Iowa, for the purpose of aiding said Territory to improve the navigation of the Des Moines river from its mouth to the Racoon Fork, (so called,) in said Territory, one equal moiety, in alternate sections, of the public lands, (remaining unsold, and not otherwise disposed of, encumbered, or appropriated,) in a strip five miles in width on each side of said river; to be selected within said Territory by an agent or agents to be appointed by the governor thereof, subject to the approval of the Secretary of the Treasury of the United States.

Public lands granted to the Territory of Iowa for the improvement of Des Moines River.

SEC. 2. *And be it further enacted*, That the lands hereby granted shall not be conveyed or disposed of by said Territory, nor by any State to be formed out of the same, except as said improvements shall progress; that is, the said Territory or State may sell so much of said lands as shall produce the sum of thirty thousand dollars, and then the sale shall cease, until the governor of said Territory or State shall certify the fact to the President of the United States, that one-half of said sum has been expended upon said improvement, when the said Territory or State may sell and

Not to be conveyed or disposed of, except in certain cases.

convey a quantity of the residue of said lands, sufficient to replace the amount expended, and thus the sales shall progress as the proceeds thereof shall be expended, and the fact of such expenditure shall be certified as aforesaid.

Des Moines River declared a public highway. 1870, ch. 7.

SEC. 3. *And be it further enacted*, That the said river Des Moines shall be and forever remain a public highway for the use of the Government of the United States, free from any toll or other charge whatever for any property of the United States, or persons in their service passing through or along the same: *Provided always*, That it shall not be competent for the said Territory or future State of Iowa to dispose of said lands, or any of them, at a price lower than, for the time being, shall be the minimum price of other public lands.

Proviso.

Lands to become the property of Iowa on her admission into the Union.

SEC. 4. *And be it further enacted*, That whenever the Territory of Iowa shall be admitted into the Union as a State, the lands hereby granted for the above purpose shall be and become the property of said State, for the purpose contemplated in this act, and no other: *Provided*, The legislature of the State of Iowa shall accept the said grant for the said purpose.

Proviso.

Approved, August 8, 1846.

Aug. 8, 1846. Vol. 9, p. 83. 1849, ch. 86.

CHAP. 170.—An Act to grant a certain Quantity of Land to aid in the Improvement of the Fox and Wisconsin Rivers, and to connect the same by a Canal, in the Territory of Wisconsin.

Grant of land to aid in improving the Fox and Wisconsin Rivers.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and hereby is, granted to the State of Wisconsin, on the admission of such State into the Union, for the purpose of improving the navigation of the Fox and Wisconsin rivers, in the Territory of Wisconsin, and of constructing the canal to unite the said rivers, at or near the portage, a quantity of land equal to one-half of three sections in width, on each side of the said Fox river, and the lakes through which it passes, from its mouth to the point where the portage canal shall enter the same, and on each side of said canal from one stream to the other, reserving the alternate sections to the United States, to be selected under the direction of the governor of said State, and such selection to be approved by the President of the United States. The said rivers, when improved, and the said canal, when finished, shall be and forever remain a public highway for the use of the Government of the United States, free from any toll or other charge whatever for the transportation of the mails, or for any property of the United States, or persons in their service passing upon or along the same: *Provided*, The said alternate sections, reserved to the United States, shall not be sold at a less rate than two dollars and fifty cents the acre: *Provided, also*, That no pre-emptive claim to the lands so reserved shall give the occupant, or any other person claiming through or under him, a right to said lands at any price less than the price fixed in this act, at the time of the settlement on said lands.

United States to use said rivers and canal free from toll.

Price of lands.

Pre-emptive claim.

SEC. 2. *And be it further enacted*, That as soon as the Territory of Wisconsin shall be admitted as a State into the Union, all the lands granted by this act shall be and become the property of said State for the purpose contemplated in this act, and no other: *Provided*, That the legislature of said State shall agree to accept said grant upon the terms specified in this act; and shall have power to fix the price at which said lands shall be sold, not less than one dollar and twenty-five cents the acre; and to adopt such kind and plan of improvement on said route as the said Legislature shall from time to time determine for the best interest of said State. *Provided, also*, That the lands hereby granted shall not be conveyed or disposed of by said State, except as said improvements shall progress: that is, the said State may sell so much of said lands as shall produce the sum of twenty thousand dollars, and then the sales shall cease until the governor of said State shall certify the fact to the President of the United States, that one-half of said sum has been expended upon said improvements, when the said State may sell and dispose of a quantity of said lands sufficient to reimburse the amount expended; and thus the sales shall progress as the proceeds thereof shall be expended, and the fact of such expenditure certified in the manner herein mentioned.

Lands to become the property of Wisconsin.

Legislature to accept the grant and fix the price of the land at not less than $1.25 per acre.

Limitation on quantities to be sold.

SEC. 3. *And be it further enacted*, That the said improvement shall be commenced within three years after the said State shall be admitted into the Union, and completed within twenty years, or the United States shall be entitled to receive the amount for which any of said lands may have been sold by said State: *Provided*, That the title of purchasers under the sales made by the State in pursuance of this act shall be valid.

Title of purchasers under this act shall be valid.

1867, Res. No. 2.

Approved, August 8, 1846.

CHAP. 175.—An Act making Appropriations for the civil and diplomatic Expenses of Government, for the Year ending the thirtieth Day of June, eighteen hundred and forty-seven, and for other Purposes.

Aug. 10, 1846. Vol. 9, p. 85.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress asembled, That the following sums be, and hereby are, appropriated to the objects hereinafter expressed, for the year ending the thirtieth day of June, eighteen hundred and forty-seven, to be paid out of any unappropriated money in the Treasury, viz.:

Appropriations for the year ending June 30, 1847.

* * * * *

Miscellaneous.— * * * *

For reducing and preparing for publication, under a resolution of the Senate, plans and drawings, made by the officers of the Topographical Bureau, for the improvement of harbors, rivers, &c., four thousand nine hundred and eighty-eight dollars.

Preparing for publication plans and drawings.

* * * * *

Approved, August 10, 1846.

Mar. 2, 1847. Vol. 9, p. 149.

CHAP. 35.—An Act making Appropriations for the Support of the Army and of Volunteers for the Year ending the thirtieth June, one thousand eight hundred and forty-eight, and for other Purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the support of the army and of volunteers, for the year ending the thirtieth June, one thousand eight hundred and forty-eight.

* * * * *

Deficiencies.

SEC. 2. *And be it further enacted,* That the following sums be, and the same are hereby appropriated, to supply deficiencies in appropriations made for the service of the present fiscal year, under the following heads, viz:

* * * * *

Cape Fear River.

For deficiency of former appropriations for the improvement of Cape Fear river, six hundred and one dollars and ninety-two cents.

Deficiency of appropriation for removing the great raft of Red River.

1838, ch. 59.

For deficiency of appropriation for removing the great raft of Red river, made by the act approved April twentieth, eighteen hundred and thirty-eight, seven thousand one hundred and fifty dollars, being the amount advanced by Daniel T. Witlee and others, through the branch of the Real Estate Bank of Washington, Arkansas, to Henry M. Shreve, government agent for such removal, and expended by him for that purpose.

Approved, March 2, 1847.

Mar. 3, 1847. Vol. 9, p. 155.

CHAP. 47.—An Act making Appropriations for the civil and diplomatic Expenses of Government for the Year ending the thirtieth Day of June, one thousand eight hundred and forty-eight, and for other Purposes.

Appropriations for the year ending June 30, 1848.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and hereby are, appropriated to the objects hereinafter expressed, for the year ending the thirtieth day of June, one thousand eight hundred and forty eight, to be paid out of any unappropriated money in the treasury, namely:

* * * * *

Miscellaneous.— * * * * *

Swan & Palmer for work done on Ohio River.

To pay Swan and Palmer for work executed by them at "Twin Island," on the River Ohio, above the falls, six thousand four hundred and seventy-nine dollars, and twenty-five cents: *Provided,* The account be first settled by the proper accounting officer of the Treasury Department.

Proviso.

* * * * *

Approved, March 3, 1847.

CHAP. 67.—An Act giving the Consent of Congress to an Act of the General Assembly of Virginia authorizing the Levy of Tolls on the James River.

Mar. 3, 1847. Vol. 9, p. 204.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of Congress be, and the same is hereby, given to an act passed by the General Assembly of the State of Virginia, on the fifth day of March, eighteen hundred and forty-six, entitled "An act to incorporate a Company to remove the bars in James river between the city of Richmond and Bermuda Hundred," and that the authority as conferred by the said act on the company thereby created, to demand and receive the tolls therein specified on vessels navigating the said river, "on condition only that the same shall have been made navigable in any season at high water from Rochell's Landing, at the city of Richmond, to Bermuda Hundred, in the county of Chesterfield, by vessels drawing eleven feet and an half foot water," be, and the same is hereby, sanctioned and confirmed: *Provided, however*, and this assent is given on that express condition, that Congress may, at any time hereafter, repeal or modify the provisions of this act.

Assent of Congress given to an act of legislature of Virginia authorizing the collection of tolls on the James River.

This act subject to modification or repeal.

Approved, March 3, 1847.

CHAP. 86.—An Act for the Relief of Josiah Haskell.

Mar. 3, 1847. Vol. 9, p. 696.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury be, and he is hereby, directed to pay, out of any moneys in the treasury not otherwise appropriated, the sum of six hundred and forty-five dollars and thirty cents to Josiah Haskell, it being in full compensation for his services on the Sandy Bay breakwater, within the Commonwealth of Massachusetts.

Josiah Haskell to be paid $645.30 for his services on the Sandy Bay breakwater.

Approved, March 3, 1847.

CHAP. 105.—An Act making Appropriations for certain Fortifications of the United States, for the Year ending the thirtieth of June, one thousand eight hundred and forty-nine.

July 20, 1848. Vol. 9, p. 248.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, for the preservation, repairs, and construction of certain fortifications, for the year ending the thirtieth day of June, one thousand eight hundred and forty-nine;

* * * * *

For protection of Great Brewster Island, and security and defence of the principal ship channels into the harbor of Boston, Massachusetts, forty thousand dollars: *Provided*, That no portion of said sum of forty thousand dollars shall be expended for the objects aforesaid, until the United Stated shall procure a good and valid title to so much of

Great Brewster Island.

Proviso as to title.

said Great Brewster Island as may be necessary to the construction of the proposed fortifications;

* * * * *

Approved, July 20, 1848.

Aug. 11, 1848. Vol. 9, p. 281.

CHAP. 152.—An Act to authorize the State of Alabama to apply certain Lands heretofore granted to that State for internal Improvements, for the Use of Schools in the valueless sixteenth Sections in said State.

Certain lands granted to State of Alabama for internal improvements may be applied by said State for the use of schools.

Act of Sept. 4, 1841, ch. 16.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the lands granted to the State of Alabama for purposes of internal improvement, by the eighth section of the act entitled "An Act to appropriate the proceeds of the sales of the public lands, and to grant preëmption rights," approved September fourth, eighteen hundred and forty-one, may be, and the same are hereby, placed at the disposal of the legislature of said State, at such price as said legislature may direct, to be applied for the use of schools in such townships of said State as in which the sixteenth or school sections are comparatively valueless, and the legislature may locate said lands in any legal subdivisions, not less than forty acres, within the limits of said State.

Approved, August 11, 1848.

Mar. 2, 1849. Vol. 9, p. 352.

CHAP. 86.—An Act in relation to the Fox and Wisconsin River Reservation, in the State of Wisconsin.

Certain entries of land in the Green Bay land district confirmed.

1846, ch. 170.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That all land entries made in the Green Bay land district, in the State of Wisconsin, upon the odd-numbered sections of the Fox and Wisconsin River reservation, in said State, subsequent to the passage of an act entitled "An Act to grant a certain quantity of land to aid in the improvement of the Fox and Wisconsin Rivers, and connect the same by canal, in the Territory of Wisconsin," approved on the eighth day of August, eighteen hundred and forty-six, be, and the same are hereby, declared to be good and valid as though said act had not been passed: *Provided, nevertheless*, That the governor of said State is hereby authorized to select the same quantity of other lands in lieu thereof; subject, however, to the approval of the President of the United States.

Proviso.

Certain other entries confirmed.

SEC. 2. *And be it further enacted*, That all similar entries made upon the even-numbered sections of said reservations be also declared to be as good and valid as though said reservation had not been made.

Approved, March 2, 1849.

Mar. 3, 1849. Vol. 9, p. 354.

CHAP. 100.—An Act making Appropriations for the civil and diplomatic Expenses of Government for the Year ending the thirtieth of June, eighteen hundred and fifty, and for other Purposes.

Appropriations for the year ending June 30, 1850.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and hereby are, appropriated out of any

money in the treasury not otherwise appropriated, for the objects hereinafter expressed, for the fiscal year ending the thirtieth of June, eighteen hundred and fifty, namely:—

* * * * *

Miscellaneous.— * * * *

To enable the Secretary of War to execute the survey and examination of the Potomac River, *order* by a resolution of the House of Representatives of the eighth August, eighteen hundred and forty-eight, fifteen hundred dollars.

Miscellaneous.

Survey of Potomac River, $1,500.

* * * * *

Approved, March 3, 1849.

CHAP. 102.—An Act making appropriations for certain fortifications of the United States, for the year ending the thirtieth of June, one thousand eight hundred and fifty.

Mar. 3, 1849.
Vol. 9, p. 373.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, for the preservation, repairs, and construction of certain fortifications, for the year ending the thirtieth of June, one thousand eight hundred and fifty:

* * * * *

For repairs of sea-wall, St. Augustine, five thousand dollars.

Sea-wall, St. Augustine.

* * * * *

Approved, March 3, 1849.

CHAP. 144.—An Act for the Relief of James Moorehead.

Mar. 3, 1849.
Vol. 9, p. 779.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury is hereby directed and required to pay to James Moorehead, out of any moneys in the treasury not otherwise appropriated, such amount as shall fully compensate and remunerate said Moorehead for all damages and losses sustained by reason of the suspension by the government of the erection of a dam in the Ohio, from a point on Wells Island to a point on the Virginia shore. But before any payment is made to said Moorehead, the said Secretary shall cause the witnesses, on the part of the said Moorehead, to be cross-examined, and take testimony on behalf of the government, should he deem it proper to do so.

Secretary of the Treasury to ascertain and pay the amount of damages incurred and losses sustained by James Moorehead on account of the suspension of the erection of a dam in the Ohio River.

Secretary of the Treasury to examine testimony in the case.

Approved, March 3, 1849.

CHAP. 17.—An Act to continue in Force an Act therein mentioned, relating to the Port of Baltimore.

June 5, 1850.
Vol. 9, p. 438.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the act passed the seventeenth day of March, one thousand eight hundred, entitled "An Act declaring the assent of Congress

Act revived and to continue in force until the 3d of March, 1861.
1800, ch. 15.

Act Jan. 19, 1861, ch. 11.

to certain acts of the States of Maryland and Georgia," and which by subsequent acts has been revived and continued in force until the first day of June, one thousand eight hundred and fifty, be, and the same, so far as it relates to the act of the State of Maryland, is hereby revived and continued in force until the third day of March, one thousand eight hundred and sixty one: *Provided*, That nothing herein contained shall authorize the demand of a duty on tonnage on vessels propelled by steam, employed in the transportation of passengers.

Proviso.

Approved, June 5, 1850.

Sept. 30, 1850. Vol. 9, p. 523.

CHAP. 90.—An Act making Appropriations for the Civil and Diplomatic Expenses of Government for the Year ending the thirtieth of June, eighteen hundred and fifty-one, and for other Purposes.

Appropriation for 1851.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and hereby are, appropriated out of any money in the treasury not otherwise appropriated, for the objects hereinafter expressed, for the fiscal year ending the thirtieth of June, eighteen hundred and fifty-one, namely:—

* * * * *

Miscellaneous.— * * * * *

Survey of the Delta of the Mississippi.

For the topographical and hydrographical survey of the Delta of the Mississippi, with such investigations as may lead to determine the most practicable plan for securing it from inundation, and the best mode of so deepening the passes at the mouth of the river as to allow ships of twenty feet draft to enter the same, fifty thousand dollars.

* * * * *

Approved, September 30, 1850.

June 19, 1852. Vol. 10, p. 147.

[No. 12.] Joint Resolution changing the Name of St. Peter's River, in Minnesota Territory.

Saint Peter's River to be called Minnesota River.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That from and after the passage of this act the River in the Territory of Minnesota heretofore known as the Saint Peter's shall be known and designated on the public records as the Minnesota River.

Approved, June 19, 1852.

July 21, 1852. Vol. 10, p. 24.

CHAP. 67.—An Act to authorize the Mayor and Common Council of Chicago, Illinois, to Excavate a portion of the Public Reservation at that place, with a view to the improvement of the Navigation of Chicago River.

Chicago authorized to excavate a portion of a public reservation.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the corporate authorities of the city of Chicago, Illinois, be, and they are hereby authorized to excavate such portion of the reservation at Chicago, not exceeding the limits described

in their memorial of January five, eighteen hundred and fifty-two, as may be necessary, according to the plan set forth in said memorial, for the improvement of the navigation of the Chicago River.

Limits to be designated by Secretary of War. Buildings thereon.

SEC. 2. *And be it further enacted*, That the Secretary of War be, and he is hereby directed to cause the limits above designated to be marked out, and to make such disposition of the buildings now standing within said limits as may be best for the public interest.

Approved, July 21, 1852.

CHAP. 92.—An Act granting to the State of Michigan the Right of Way, and a donation of Public Land for the Construction of a Ship Canal around the Falls of St. Mary's, in said State.

Aug. 26, 1852. Vol. 10, p. 35.

Right to locate canal around the Falls of Saint Mary granted to Michigan.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and is hereby, granted to said State, the right of locating a canal through the public lands, known as the military reservation at the Falls at St. Mary's River in said State; and that four hundred feet of land in width extending along the line of such canal be, and the same is hereby granted, to be used by said State, or under the authority thereof for the construction and convenience of such canal, and the appurtenances thereto, and the use thereof is hereby vested in said State forever, for the purposes aforesaid, and no other: *Provided*, That in locating the line of said canal through said military reservation, the same shall be located on the line of the survey heretofore made for that purpose, or such other route between the waters above and below said falls, as under the approval of the Secretary of War may be selected. *And provided further*, That said canal shall be at least one hundred feet wide, with a depth of water twelve feet, and the locks shall be at least two hundred and fifty feet long, and sixty feet wide.

Proviso as to route.

Size of the canal.

750,000 acres of land granted to Michigan to enable it to construct said canal.

SEC. 2. *And be it further enacted*, That there be, and hereby is granted to the said State of Michigan, for the purpose of aiding said State in constructing and completing said canal, seven hundred and fifty thousand acres of public lands, to be selected in subdivisions, agreeably to the United States surveys, by an agent or agents to be appointed by the Governor of said State, subject to the approval of the Secretary of the Interior, from any lands within said State, subject to private entry.

Said lands to be applied to no other use.

SEC. 3. *And be it further enacted*, That the said lands hereby granted, shall be subject to the disposal of the Legislature of said State for the purposes aforesaid and no other; and the said canal shall be, and remain a public highway for the use of the Government of the United States, free from toll or other charge upon the vessels of said government engaged in the public service, or upon vessels employed by said government in the transportation of any property or troops of the United States.

No toll to be charged to the United States.

Proceeds of sales of said lands to be paid to the United States if said

SEC. 4. *And be it further enacted*, That if the said canal shall not be commenced within three and completed within ten years, the said State of Michigan shall be bound to pay

canal is not commenced within three and completed within ten years.

to the United States, the amount which may be received upon the sale of any part of said lands by said State not less than one dollar and twenty-five cents per acre, the title to the purchasers under said State remaining valid.

Accounts to be kept and rendered annually, and until said State is fully reimbursed it may charge a toll for the use of said canal, and afterwards only enough to keep it in repair, &c.

SEC. 5. *And be it further enacted*, That the Legislature of said State shall cause to be kept, an accurate account of the sales and net proceeds of the lands hereby granted and of all expenditures in the construction, repairs, and operating of said canal, and of the earnings thereof, and shall return a statement of the same annually to the Secretary of the Interior; and whenever said State shall be fully reimbursed for all advances made for the construction, repairs, and operating of said canal, with legal interest on all advances, until the reimbursement of the same, or upon payment by the United States, of any balance of such advances over such receipts from said lands and canal, with such interest, the said State shall be allowed to tax for the use of said canal, only such tolls as shall be sufficient to pay all necessary expenses for the care, charge, and repairs of the same.

Route of the canal to be established and filed before said lands can be sold.

SEC. 6. *And be it further enacted*, That before it shall be competent for said State to dispose of any of the lands to be selected as aforesaid, the route of said canal shall be established as aforesaid, and a plat or plats thereof shall be filed in the office of the War Department, and a duplicate thereof, in the office of the Commissioner of the General Land-Office.

Approved, August 26, 1852.

Aug. 30, 1852. Vol. 10, p. 56.

CHAP. 104.—An Act making Appropriations for the Improvement of certain Harbors and Rivers.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and the same are hereby appropriated, to be paid out of any money in the Treasury not otherwise appropriated, and to be expended under the superintendence of the Secretary of War, for the following purposes, to wit:

Delaware.

For the continuation of the Delaware breakwater, thirty thousand dollars.

Reedy Island.

For the construction of a harbor on the east side of Reedy Island, Port Penn, Delaware, fifty-one thousand and ninety dollars.

Chester.

For the repairs of the works at the harbor at Chester, on the Delaware River, five thousand dollars.

Savannah River.

For the removal of obstructions in the Savannah River, at a place called the Wrecks, and the improvement of the navigation of said river, forty thousand dollars.

Hudson River.

For continuing the improvement of the navigation of the Hudson River, above and below Albany, and not above Troy, fifty thousand dollars.

Mississippi, Missouri, Arkansas, and Ohio Rivers.

For the improvement of the navigation of the Mississippi River, below the rapids, ninety thousand dollars;

The Ohio, including the repairs of the dam at Cumberland Island, ninety thousand dollars;

The Missouri, and the Arkansas Rivers, each forty thousand dollars;

And for the construction and repair of snag-boats, dredge-boats, discharging scows and machinery to be used on the Mississippi, Ohio, Missouri, Arkansas, and other western rivers, one hundred and fifty thousand dollars. Snag-boats, &c.

For the improvement of the James, and Appomattox Rivers, below the cities of Richmond and Petersburg, forty-five thousand dollars. James and Appomattox Rivers.

For the improvement of the Rock River rapids, and the Des Moines rapids in the Mississippi River, at the lower chain and the English chain, one hundred thousand dollars. Mississippi River.

For opening a ship channel of sufficient capacity to accommodate the wants of commerce, through the most convenient pass leading from the Mississippi River into the Gulf of Mexico, seventy-five thousand dollars. And it shall be the duty of the Secretary of War, to apply said moneys to the opening of said ship channel by contract, and at an early day in the next session of Congress to report the progress of the work, the amount necessary to complete it, and an estimate of the annual cost of keeping said channel open, and any contract made shall be limited to the amount hereby appropriated. Ship-channel from the Mississippi to the Gulf of Mexico.

For removing the raft of Red River, one hundred thousand dollars, and that the Secretary of War be authorized to contract with the lowest responsible bidder within this appropriation, for the removal of said raft after reasonable public notice. Red River Raft. Res. Jan'y 7, 1850.

For the improvement of the navigation of the Colorado River, Texas, twenty thousand dollars. Colorado River

For the survey of the Trinity River, Texas, including the bar at the mouth, three thousand dollars. Trinity River.

For a breakwater at Richmond Island harbor, and repairing the breakwater in Portland harbor, Maine, ten thousand dollars. Breakwaters.

For removing the rocks obstructing the navigation near Falls Island, Cobscook Bay, Maine, five thousand dollars. Cobscook Bay.

For a survey in reference to the construction of a breakwater on the eastern side of the Island of Matinicus, Maine, one thousand dollars. Survey at Martinicus.

For the protection of Great Brewster Island, in the harbor of Boston, thirty thousand dollars. Great Brewster Island.

For the preservation of Cape Cod harbor, at and near Provincetown, Massachusetts, five thousand dollars. Cape Cod Harbor.

For repairing the breakwater at Hyannis Harbor, Massachusetts, five thousand dollars. Hyannis.

For the preservation of Great Woods Hole harbor, two thousand five hundred dollars. Great Wood's Hole Harbor.

For a survey in reference to the construction of a breakwater at East Dennis, Barnstable Bay, Massachusetts, one thousand five hundred dollars. Survey at East Dennis.

For repairing the injuries done to the government works on Plymouth beach, in the great storm of eighteen hundred and fifty-one, five thousand dollars. Plymouth Beach.

For a survey in reference to the improvement of the har- Survey at Scituate.

bor of Scituate, in connection with the North River, Massachusetts, one thousand dollars.

New Haven. For the removal of Middle Rock, designated on the chart as Rocky Buoy, in the harbor of New Haven, Connecticut, six thousand dollars.

Sekonk River. Res. Jan. 20, 1853. For removing a rock near the mouth of the Sekonk River, harbor of Providence, Rhode Island, five thousand dollars.

New York Harbor. For the further improvement of the harbor of New York, by removing the rocks at Hell Gate and Diamond Reef, in the East River, twenty thousand dollars.

Port Jefferson. For a survey of the harbor of Port Jefferson, New York, with reference to the improvement thereof, twelve hundred dollars.

Newark Bay. For the removal of the bar at the junction of the Passaic and Hackensack rivers, in Newark Bay, New Jersey, ten thousand dollars.

Cranbury Inlet. For the survey of Cranbury Inlet, Barnegat Bay, New Jersey, in reference to its improvement, one thousand dollars.

Patapsco River. For the improvement of the Patapsco River, from Fort McHenry to the mouth of said river, twenty thousand dollars.

Steam-dredge, &c. For the construction of a steam-dredge, equipment and discharging scows, for the waters of the Chesapeake Bay and the Atlantic coast, twenty thousand dollars.

Susquehanna River. For removing obstructions at the mouth of the Susquehanna River, near Havre-de-Grace, Maryland, ten thousand dollars.

Breakwater across Croatan Sound. 1855, ch. 103. For reopening a communication between Albemarle Sound, North Carolina, and the Atlantic Ocean, by the construction of a breakwater across Croatan Sound, fifty thousand dollars.

Washington Harbor, North Carolina. For completing the improvement of the harbor of Washington, North Carolina, five thousand dollars.

Charleston. For the improvement of the harbor of Charleston, South Carolina, fifty thousand dollars.

Mobile. For the improvement of the harbor of Mobile, Alabama, at Dog River Bar and the Choctaw Pass, fifty thousand dollars.

Bayou La Fouche. For a survey in reference to the removal of obstructions to the navigation of Bayou La Fouche, Louisiana, two thousand five hundred dollars.

Lake Pontchartrain. For the construction of a harbor on Lake Pontchartrain, near the city of New Orleans, twenty-five thousand dollars.

* * * * *

Manitowoc Harbor. For the improvement of the harbor of Manitowoc, Wisconsin, eight thousand dollars.

Sheboygan. 1856, Res. No. 8. For the improvement of the harbor of Sheboygan, Wisconsin, ten thousand dollars.

Racine. For continuing the improvement of the harbor of Racine, Wisconsin, ten thousand dollars.

Milwaukee. For continuing the improvement of the harbor of Milwaukie, Wisconsin, fifteen thousand dollars, to be expended at the point on the Milwaukie River known as the "North Cut," surveyed by Lieutenant Centre.

Kenosha, (South Port.) For continuing the improvement of the harbor of Kenosha, (formerly South Port,) Wisconsin, ten thousand dollars.

For continuing the improvement of the harbor of Chicago, Illinois, twenty thousand dollars. — Chicago.

For continuing the improvement of the harbor of Michigan city, Indiana, or the laying down of a floating breakwater and safety anchorage, as the Secretary of War may determine, twenty thousand dollars. — Michigan City.

For the improvement of the harbor of New Buffalo, Michigan, eight thousand dollars. — New Buffalo.

For continuing the improvement of the harbor of St. Joseph, Michigan, ten thousand dollars. — Saint Joseph, Mich.

For the improvement of Black Lake harbor, Michigan, eight thousand dollars. — Black Lake Harbor.

For the preservation of the harbor at the mouth of Grand River, Michigan, two thousand dollars. — Grand River.

For the improvement of the harbor at the mouth of Clinton River, Michigan, five thousand dollars. — Clinton River.

For the improvement of the navigation of the Saint Clair Flats, connecting the upper and lower lakes, twenty thousand dollars. — Saint Clair Flats.

For completing the improvement of the River Raisin harbor, Michigan, fourteen thousand dollars. — River Raisin Harbor.

For constructing a steam-dredge, equipment and discharging scows for Lake Michigan, twenty thousand dollars. — Steam-dredge on Lake Michigan.

For preserving the harbor of Sandusky city, and improving the same, fifteen thousand dollars. — Sandusky City.

For continuing the improvement of the harbor at the mouth of Black River, on Lake Erie, Ohio, five thousand dollars. — Black River Harbor.

For continuing the improvement of the harbor of Cleveland, Ohio, thirty thousand dollars. — Cleveland.

For the further improvement of the harbor of Fairport, at the mouth of Grand River, Ohio, ten thousand dollars. — Fairport, Ohio.

For continuing the improvement of the harbor of Ashtabula, Ohio, ten thousand dollars. — Ashtabula.

For continuing the improvement of the harbor of Erie, Pennsylvania, thirty thousand dollars. — Erie, Pa.

For continuing the improvement of the harbor of Dunkirk, New York, thirty thousand dollars. — Dunkirk.

For repairing the sea-wall at the harbor of Buffalo, New York, fourteen thousand dollars. — Buffalo.

For constructing a steam-dredge, equipment and discharging scows for Lake Erie, twenty thousand dollars. — Steam-dredge on Lake Erie.

For continuing the improvement of the harbor of Oak Orchard Creek, Lake Ontario, New York, ten thousand five hundred dollars. — Oak Orchard Creek Harbor.

For continuing the removal of obstructions in the harbor at the mouth of the Genesee River, Lake Ontario, New York, twenty thousand dollars. — Genesee River.

For the improvement of the harbor of Sodus Bay, Lake Ontario, Cayuga county, New York, ten thousand dollars. — Sodus Bay.

For continuing the improvement of the harbor of Oswego, Lake Ontario, New York, forty thousand dollars. — Oswego.

For constructing a steam dredge, equipment, and discharging scows for Lake Ontario, twenty thousand dollars. — Steam-dredge on Lake Ontario.

For a survey of the Rappahannock River, Virginia, three thousand dollars. — Rappahannock River.

Taunton River, and New Bedford Harbor.

For a survey of Taunton River and New Bedford harbor, Massachusetts, three thousand dollars.

Kennebec River.

For improving the Kennebeck River from the United States arsenal wharf, in Augusta, Maine, to Lovejoy's Narrows, six thousand dollars.

San Antonio River.

For a survey of San Antonio River, Texas, one thousand five hundred dollars.

Harbors in Texas.

For surveys of the harbors at Sabine, Galveston, Paso Cavallo, Velasco, Brazos de Santiago, and Corpus Christi. and the rivers Sabine, Brazos, and Trinity, Texas, five thousand dollars.

Little Egg Harbor.

For repairing the public works at Little Egg Harbor. New Jersey, eight thousand five hundred dollars.

East Pascagoula River.

For a survey of East Pascagoula River, Mississippi, five thousand dollars.

Providence.

For a survey of Providence harbor, Rhode Island, fifteen hundred dollars.

Survey of the falls of the Ohio. Board to be constituted and to report.

For a survey and examination of the falls of the Ohio River, by a board of topographical and civil engineers to be appointed by the Secretary of War, to report upon the expediency of an additional canal around said falls, and the comparative cost, advantages, and disadvantages of making such additional canal on the Kentucky and Indiana shores of said river respectively, and also the cost, advantages, and disadvantages of enlarging and extending the present canal so as to avoid the rocks at Sandy Island; retaining the present locks in their present condition, five thousand dollars.

Marblehead.

For the repair of the sea-wall at Marblehead, Massachusetts, five hundred dollars.

Georgetown, S. C.

For a survey of the harbor of Georgetown, South Carolina, three thousand dollars.

Shrewsbury River.

For a survey of Shrewsbury River, New Jersey, fifteen hundred dollars.

Kennebunk.

For repairing the piers at Kennebunk, Maine, seven thousand five hundred dollars.

Breakwater in Maine.

For a breakwater at Owlshead harbor, or at Rockland harbor, in Maine, as the Department of War shall decide. fifteen thousand dollars.

Dubuque.

For the further removal of obstructions and the improvement of the harbor of Dubuque, Iowa, fifteen thousand dollars.

Great Sodus Bay.

For repairing the piers in Great Sodus Bay, New York ten thousand dollars.

Cape Fear River.

For improving Cape Fear River at and below Wilmington, North Carolina, twenty thousand dollars.

Huron River.

For repairing the piers at Huron River harbor, Ohio, ten thousand dollars.

Burlington, Vt.

For continuing and repairing the breakwater at Burlington, Vermont, ten thousand dollars.

Conneaut, Ohio.

For repairing the piers at Conneaught, Ohio, ten thousand dollars.

New Castle, Del.

For repairing the piers and for improving the harbor at New Castle, Delaware, fifteen thousand dollars.

Bridgeport, Conn.

For the further improvement of the harbor at Bridgeport Connecticut, ten thousand dollars.

For the improvement of the river Saint John, Florida, ten thousand dollars. Saint John's River, Florida.

For the completion of the old line of survey, or new line, as may be deemed expedient, for a ship canal across the peninsula of Florida, twenty thousand dollars. Ship-canal across Florida

For a survey of the sand bars in Newark Bay, New Jersey, two thousand dollars. Newark Bay.

For building a levee across the mouth of the river San Diego, in the State of California, to turn it into its former channel, into False Bay, thirty thousand dollars, to be expended under the direction of the Secretary of War. Levee across the San Diego.

For a survey of the harbor of Ogdensburg, New York, with reference to its improvement, three thousand dollars. Ogdensburgh.

For constructing a steam-dredge, equipment, and discharging scows for Lake Champlain, and improving the navigation thereof, twenty thousand dollars. Steam-dredge on Lake Champlain.

For connecting the waters of the Indian River, and Mosquito lagoon, at the Haulover, Florida, five thousand dollars. Miscellaneous.

For the repairs, preservation, and contingencies of the harbor works on the Atlantic coast, ten thousand dollars.

For repairs and contingencies of harbors and rivers and to meet charges for transportation of officers and for fuel and quarters, the payment of which is no longer made by the Quartermaster's Department, and for extra allowance to meet extra expenses under the special direction of the Secretary of War, ten thousand dollars.

For the improvement of the navigation of the Tennessee River, fifty thousand dollars, in conformity with the estimates of the War Department of the thirteenth July, eighteen hundred and fifty-two, and for the improvement of the navigation of the Illinois River, the sum of thirty thousand dollars. Tennessee and Illinois Rivers. 1860, ch. 114.

For the improvement of the harbor and breakwater at Waukegan, Illinois, fifteen thousand dollars. Waukegan, Ill.

That the Secretary of War cause to be examined and surveyed the rivers Savannah, from the city of Savannah, as high up as the city of Augusta, the Ockmulgee up to Macon, and the Flint up to Albany, and the Chattahoochee up to Columbus, in the State of Georgia, and to report to Congress the amount of money which may remove any obstructions to navigation, and that the sum of ten thousand dollars be appropriated for that purpose. Surveys in Georgia.

For filling in behind the United States sea wall in the harbor of St. Augustine, Florida, with earth, three thousand dollars. Saint Augustine.

Approved, August 30, 1852.

CHAP. 110.—An Act making Appropriations for the Support of the Army, for the Year ending the thirtieth of June, one thousand eight hundred and fifty-three. Aug. 31, 1852. Vol. 10, p. 105.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated,

out of any money in the Treasury not otherwise appropriated, for the support of the army for the year ending the thirtieth of June, one thousand eight hundred and fifty-three.

* * * * *

Survey of the Mississippi Delta. 1854, ch. 267.

For continuing the topographical and hydrographical survey of the Delta of the Mississippi, with such investigations as may lead to determine the most practicable plan for securing it from inundation, fifty thousand dollars.

* * * * *

Approved, August 31, 1852.

Jan. 7, 1853. Vol. 10, p. 260.

[No. 3.] A Resolution explanatory of the Act appropriating Money for the Removal of the Raft of Red River.

Removal of Red River Raft. 1852, ch. 104. 1854, ch. 267, §5.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That so much of the act entitled "An act making appropriations for the improvement of certain harbors and rivers," approved August thirtieth, eighteen hundred and fifty-two, as relates to Red River, be so construed as to authorize the Secretary of War to award the contract for the removal of obstructions to the navigation of said river occasioned by the Raft, to the person or persons who, for the amount of the appropriation, will agree to remove said obstructions, and keep said navigation free from the same for the longest period of time; said contract to be awarded after reasonable public notice.

Approved, January 7, 1853.

Jan. 20, 1853. Vol. 10, p. 261.

[No. 8.] A Resolution Explanatory of the Appropriation for the Improvement of the Mouth of the Sekonk River and Harbor of Providence, Rhode Island.

Removal of obstructions in Sekonk River.

Act of Aug. 30, 1852, ch. 104.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the clause in the "Act making appropriations for the improvement of certain harbors and rivers," approved thirtieth of August, eighteen hundred and fifty-two, making an appropriation "for removing a rock near the mouth of the Sekonk River, harbor of Providence, Rhode Island," be construed to authorize the removal of any rock or other obstructions at the crook or the entrance or mouth of Sekonk River, harbor of Providence, and State of Rhode Island.

Approved, January 20, 1853.

Mar. 3, 1853. Vol. 10, p. 181.

CHAP. 96.—An Act to Supply Deficiencies in the Appropriations for the Service of the Fiscal Year ending the thirtieth of June, one thousand eight hundred and fifty-three.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated to supply deficiencies in the appropriations for the service of the fiscal year ending the thirtieth of June, eighteen

unqdred and fifty-three, out of any money in the Treasury not otherwise appropriated, namely:

* * * * *

For improvement of the Genesee River, one hundred and seventy-six dollars and ten cents. Genesee River.

For removing obstructions at harbor of Cleveland, Ohio, one hundred and forty-five dollars and sixty-nine cents. Cleveland.

For sea-wall at Buffalo Creek, three hundred and forty nine dollars and five cents. Buffalo Creek.

For harbor at Ashtabula, Ohio, forty-two dollars and sixty-four cents. Ashtabula.

For harbor at Milwaukie, Wisconsin, one hundred and sixty-three dollars and ninety-four cents. Milwaukee.

* * * * *

Approved, March 3, 1853.

CHAP. 97.—An Act making Appropriations for the Civil and Diplomatic Expenses of Government for the year ending the thirtieth of June, eighteen hundred and fifty-four. Mar. 3, 1853. Vol. 10, p. 189.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be and are hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the objects hereafter expressed, for the fiscal year ending the thirtieth of June, eighteen hundred and fifty-four, namely:

* * * * *

Survey of the coast.— * * *

For continuing the survey of the northern and northwestern lakes, including Lake Superior, fifty thousand dollars: *Provided*, That a survey of so much of the communication between Lake Huron and the Sault Ste. Marie as may be necessary to ascertain what part thereof requires to be deepened, shall be made without delay, and plans and estimates of the nature and expense of the work shall be laid before Congress at its next session. Survey between Lake Huron and the Sault Ste. Marie.

* * * * *

Approved, March 3, 1853.

CHAP. 102.—An Act making further Appropriation for the Improvement of the Cape Fear River, North Carolina. July 22, 1854. Vol. 10, p. 307.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one hundred and forty thousand dollars be, and the same is hereby, appropriated for the year ending thirtieth June, eighteen hundred and fifty-five, to be paid out of any money in the treasury not otherwise appropriated, and to be expended under the superintendence of the Secretary of War, for the continuation of the improvement of the Cape Fear River, North Carolina, at or near its communication with the ocean. Appropriation for year ending June 30, 1855. How expended.

Approved, July 22, 1854.

Aug. 3, 1854.
Vol. 10, p. 345.

1846, ch. 170.

CHAP. 200.—An Act to authorize the State of Wisconsin to select th residue of the Lands to which she is entitled under the act of eight of August, eighteen hundred and forty-six, for the improvement o the Fox and Wisconsin Rivers.

Selection of the balance of land granted by act of 1846, ch. 170.

Res. of March 3, 1855, No. 24.

1848, ch. 36.

Be it enacted by the Senate and House of Representatives o the United States of America in Congress assembled, Tha the Governor of the State of Wisconsin is hereby author ized to cause to be selected the balance of the land to whic that State is entitled under the provisions of the act of th eighth August, eighteen hundred and forty-six, grantin land to aid the Territory of Wisconsin in the improvemen of the Fox and Wisconsin Rivers and to connect the sam by a canal, out of any of the unsold public lands in sai State, subject to private entry at one dollar and twenty-fiv cents per acre, and not claimed by preëmption; the quan tity to be ascertained upon the principles which governe the final adjustment of the grant to the State of Indian for the Wabash and Erie Canal, under the provisions of th act of Congress approved the ninth of May, eighteen hun dred and forty-eight.

Approved, August 3, 1854.

Aug. 5, 1854.
Vol. 10, p. 576.

CHAP. 267.—An Act making Appropriations for the support of th Army for the year ending the thirtieth of June, one thousand eigh hundred and fifty-five.

Appropriations.

Be it enacted by the Senate and House of Representatives o the United States of America in Congress assembled, Tha the following sums be, and the same are hereby, appro priated out of any money in the treasury not otherwis appropriated, for the support of the army for the year end ing the thirtieth of June, one thousand eight hundred an fifty-five:

* * * * *

Removal of Red River Raft.
1853 Res. No. 3.

SEC. [5.] *And be it further enacted*, That the joint reso lution entitled "A resolution explanatory of the act appro priating money for the removal of the raft of Red River, approved January seventh, eighteen hundred and fifty three, be and is hereby repealed, and that the Secretary o the Department of War be authorized to expend the appro priation in reference to the Red River raft, in such way and for such purposes as he may approve, having in view the improvement of the navigation of Red River, in an around the said raft.

* * * * *

Survey of the Delta of the Mississippi.
1852, ch. 110.

SEC. 2. [8.] *And be it further enacted*, That of the appro priation of fifty thousand dollars "for continuing the topo graphical and hydrographical survey of the Delta of th Mississippi, with such investigations as may lead to deter mine the most practicable plan for securing it from inunda tion," approved August thirty-first, one thousand eight hun dred and fifty-two, the sum of five thousand dollars may b applied, under the special direction of the Secretary of Wa to the payment of any expenses connected with said sur

vey and investigations, incurred prior to the first of July, one thousand eight hundred and fifty-two.

* * * * *

Approved, August 5, 1854.

CHAP. 103.—An Act to amend "An Act making Appropriations for the Improvement of certain Harbors and Rivers," approved August thirtieth, eighteen hundred and fifty two.

Feb. 14, 1855. Vol. 10, p. 608.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the section reading as follows: "For reopening a communication between Albemarle Sound, North Carolina, and the Atlantic Ocean, by the construction of a breakwater across Croatan Sound, fifty thousand dollars," be amended by striking out the words "by the construction of a breakwater across Croatan Sound."

Act of 1852, ch. 104, amended.

Approved, February 14, 1855.

CHAP. 149.—An Act for the Relief of John R. Bowes, Agent in charge of the Property of the United States at Michigan City, in the State of Indiana, and of Isaac S. Smith, of the City of Buffalo, New York.

Mar. 2, 1855. Vol. 10, p. 858.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the proper accounting officers of the treasury be, and are hereby, authorized and directed to pay to John R. Bowes, of the State of Indiana, agent in charge of the property of the United States at Michigan City, in said State, the sum of four hundred and seventy dollars and thirty-three cents, in payment and in full discharge of all claims of said Bowes against the United States for services as said agent.

John R. Bowes to be paid for care of public property at Michigan City.

SEC. 2. *And be it further enacted*, That the Secretary of the Treasury be, and he is hereby, authorized and directed to pay, out of any money in the treasury not otherwise appropriated, to Isaac S. Smith, the sum of four hundred and fifty-two dollars and thirty-two cents, in full for his account for care and charge of the public property at the city of Buffalo, up to the thirtieth day of April, eighteen hundred and fifty-three, under the direction of the Topographical Bureau.

Isaac S. Smith to be paid for care of public property at Buffalo.

Approved, March 2, 1855.

CHAP. 170.—An Act to appropriate Money to remove the Obstructions in the Savannah River, below the City of Savannah, in the State of Georgia.

Mar. 3, 1855. Vol. 10, p. 640.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one hundred and sixty-one thousand dollars be, and the same is hereby, appropriated out of any money not heretofore appropriated, to remove the obstructions in the Savannah River, below the city of Savannah, in the State of Georgia, placed there during the revolutionary war, for the common defence.

Appropriation to remove obstructions in the Savannah River. 1856, ch. 82.

Approved, March 3, 1855.

July 8, 1856.
Vol. 11, p. 24.

CHAP. 54.—An Act to remove Obstructions to Navigation in the Mouth of the Mississippi River, at the Southwest Pass and Pass a l'Outre.

Appropriation to remove obstructions in the Mississippi at the Southwest Pass and Pass a l'Outre.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for the opening and keeping open ship channels of sufficient capacity to accommodate the wants of commerce through the Southwest Pass and Pass a l'Outre, leading from the Mississippi River into the Gulf of Mexico, the sum of three hundred and thirty thousand dollars be, and the same is hereby appropriated, to be paid out of any money in the treasury not otherwise appropriated, and to be expended under the superintendence of the Secretary of War.

Contract to be made.

SEC. 2. *And be it further enacted*, That it shall be the duty of the Secretary of War to apply said moneys to the opening and keeping open of the aforesaid ship channel by contract, and at an early day in the next session of Congress to report the progress of the work, the amount necessary to complete it, and an estimate of the annual cost of keeping said channels open; and any contract made shall be limited to the amount hereby appropriated.

Report thereon.

In the Senate of the United States, July 7th, 1856.

Assent of Senate.

The President of the United States having returned to the Senate, in which it originated, the bill entitled "An act to remove obstructions to navigation in the mouth of the Mississippi River, at the Southwest Pass and the Pass a l'Outre," with his objections thereto, the Senate proceeded, in pursuance of the Constitution, to reconsider the same; and

Resolved, That the said bill do pass, two-thirds of the Senate agreeing to pass the same.

Attest: ASBURY DICKINS.
Secretary of the Senate.

In the House of Representatives of the United States, July 8th, 1856.

Assent of House.

The House of Representatives having been notified by the Senate that the bill entitled "An act to remove obstructions to navigation in the mouth of the Mississippi River, at the Southwest Pass and the Pass à l'Outre," had been returned by the President with his objections to the Senate, in which it originated, and that the Senate having proceeded, in pursuance of the Constitution, to reconsider the same, had "Resolved, that the said bill do pass, two thirds of the Senate agreeing to pass the same," the House of Representatives proceeded, in pursuance of the Constitution, to reconsider the said bill; and

Resolved, That the said bill do pass, two thirds of the House of Representatives agreeing to pass the same.

Attest: WM. CULLOM,
Clerk House of Reps.

CHAP. 55.—An Act making an Appropriation for deepening the Channel over the Flats of the St. Mary's River, in the State of Michigan.

July 8, 1856.
Vol. 11, p. 25.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one hundred thousand dollars be, and the same is hereby appropriated towards deepening the channel of the St. Mary's River, in the State of Michigan, by the west channel through Lake George, according to the estimate of Captain Macomb, of the topographical corps, communicated to the Senate in the report of the Secretary of War, dated January eighteen, eighteen hundred and fifty-five: *Provided*, That the dredging machine purchased for the improvement of the St. Clair flats may be employed, when not required therefor, at the discretion of the Secretary of War, in the improvement of the St. Mary's River or strait.

Appropriation to deepen the channel in Saint Mary's River, Michigan.

Res. No. 23, June 9, 1856.

Steam-dredge.

In the Senate of the United States, July 7th, 1856.

The President of the United States having returned to the Senate, in which it originated, the bill entitled "An act making an appropriation for deepening the channel over the flats of the St. Mary's River in the State of Michigan," with his objections thereto, the Senate proceeded, in pursuance of the Constitution, to reconsider the same; and

Resolved, That the said bill do pass, two thirds of the Senate agreeing to pass the same.

Attest: ASBURY DICKINS,
Secretary of the Senate.

In the House of Representatives of the United States, July 8th, 1856.

The House of Representatives having been notified by the Senate that the bill entitled "An act making an appropriation for deepening the channel over the flats of the St. Mary's River, in the State of Michigan," had been returned by the President, with his objections, to the Senate, in which it originated, and that the Senate, having proceeded, in pursuance of the Constitution, to reconsider the same, had "Resolved, That the said bill do pass, two thirds of the Senate agreeing to pass the same," the House of Representatives proceeded, in pursuance of the Constitution, to reconsider the said bill; and

Resolved, That the said bill do pass, two thirds of the House of Representatives agreeing to pass the same.

Attest: WM. CULLOM,
Clerk House of Reps.

CHAP. 56.—An Act making an Appropriation for deepening the Channel over the St. Clair Flats, in the State of Michigan.

July 8, 1856.
Vol. 11, p. 25.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of forty-five thousand dollars be and the same is hereby appropriated for the purpose of deepening the channel over the St. Clair flats, in the State of Michigan.

Appropriation to deepen channel over the Saint Clair flats, in Michigan.

In the Senate of the United States, July 7th, 1856.

The President of the United States having returned t the Senate, in which it originated, the bill entitled "An ac making an appropriation for deepening the channel ove the St. Clair flats, in the State of Michigan," with his objec tions thereto, the Senate proceeded, in pursuance of th Constitution, to reconsider the same; and

Resolved, That the said bill do pass, two-thirds of the Se ate agreeing to pass the same.

Attest: ASBURY DICKINS,
Secretary of the Senate.

In the House of Representatives of the United States, July 8t 1856.

The House of Representatives having been notified by th Senate that the bill entitled "An act making an appropri tion for deepening the channel over the St. Clair flats, in th State of Michigan," had been returned by the Presiden with his objections to the Senate, in which it originated, an that the Senate, having proceeded, in pursuance of the Co stitution, to reconsider the same, had "Resolved, That th said bill do pass, two-thirds of the Senate agreeing to pa the same," the House of Representatives proceeded, in pu suance of the Constitution, to reconsider the said bill; an

Resolved, That the said bill do pass, two thirds of th House of Representatives agreeing to pass the same.

Attest: WM. CULLOM,
Clerk House of Reps.

Aug. 7, 1856. Vol. 11, p. 80.

CHAP. 82.—An Act to alter and amend "An Act to appropriate Mon to remove Obstructions in the Savannah River, below the City of S vannah, in the State of Georgia," approved March third, eighte hundred and fifty-five.

Application of balance of appropriation of 1855, ch. 170, for removing obstructions in Savannah River.

Be it enacted by the Senate and House of Representatives the United States of America in Congress assembled, That th balance of the unexpended appropriation made by the a of third March, eighteen hundred and fifty-five, "for remo ing certain obstructions in the Savannah River," may b and is hereby authorized to be applied, under the directio of the Secretary of War, to remove the bars, shoals, bank and other impediments in said river, caused by said obstru tions, as proposed in the project of the commissioners, a prov ed by the War Department in February, eighteen hu dred and fifty-three.

Approved, August 7, 1856.

Aug. 16, 1856. Vol. 11, p. 44.

CHAP. 121. An Act for the Improvement of the Navigation of t Patapsco River, and to render the Port of Baltimore accessible to t War Steamers of the United States.

Appropriation for deepening the channel of the Patapsco.

Be it enacted by the Senate and House of Representatives the United States of America in Congress assembled, That th sum of one hundred thousand dollars be, and the same hereby appropriated, out of any money in the treasury n

therwise appropriated, to be expended, under the direction f the Secretary of War, in deepening the channel of the 'atapsco River, and in rendering the port of Baltimore ac- essible to the steam frigates and other war vessels of the Jnited States.

In the Senate of the United States, August 16th, 1856.

The President of the United States, having returned to ıe Senate, in which it originated, the bill entitled "An act ɔr the improvement of the navigation of the Patapsco ;iver, and to render the port of Baltimore accessible to the 'ar steamers of the United States," with his objections ıereto, the Senate proceeded, in pursuance of the consti- ıtion, to reconsider the same; and *Resolved*, That the said ill do pass, two-thirds of the Senate agreeing to pass the ıme.

Attest: ASBURY DICKINS,
Secretary.

n the House of Representatives of the United States, August 16th, 1856.

The House of Representatives having been notified by the enate that the bill entitled, "An act for the improvement f the navigation of the Patapsco River, and to render the ɔrt of Baltimore accessible to the war steamers of the Jnited States," had been returned by the President, with is objections, to the Senate, in which it originated, and ıat the Senate having proceeded, in pursuance of the con- itution, to reconsider the same, had "*Resolved*, that the ıid bill do pass, two thirds of the Senate agreeing to pass ıe same," the House of Representatives proceeded, in pur- ıance of the constitution, to reconsider the said bill, and, *Resolved*, That the said bill do pass, two thirds of the ouse of Representatives agreeing to pass the same.

Attest: WM. CULLOM,
Clerk House of Reps.

HAP. 126.—An Act for continuing the Improvement of the Des Moines Rapids, in the Mississippi River.

Aug. 16, 1856. Vol. 11, p. 51.

Be it enacted by the Senate and House of Representatives of e United States of America in Congress assembled, That ıere be, and is hereby appropriated, out of any money in ıe treasury not otherwise appropriated, the sum of two ındred thousand dollars, for continuing the improvement f the Des Moines Rapids, in the Mississippi River, to be ɛpended under the superintendence of the Secretary of Var.

Appropriation for continuing the improvement of the Des Moines Rapids.

N THE HOUSE OF REPRESENTATIVES OF THE UNITED STATES,

August 11th, 1856.

The President of the United States having returned to ıe House of Representatives, in which it originated, the bill ıtitled "An act for continuing the improvement of the Des

Moines Rapids, in the Mississippi River," with his objectio thereto, the House of Representatives proceeded, in pur ance of the Constitution, to reconsider the same; and *solved*, That the said bill do pass, two thirds of the Hous Representatives agreeing to pass the same.

Attest: WM. CULLOM,
Clerk of House Representative

IN THE SENATE OF THE UNITED STATES,
August 16th, 1856

The Senate having proceeded, in pursuance of the C stitution, to reconsider the bill entitled "An act for cont ning the improvement of the Des Moines Rapids, in Mississippi River," returned to the House of Representati by the President of the United States, with his objectio and sent by the House of Representatives to the Sen with the message of the President returning the bill:

Resolved, That the bill do pass, two thirds of the Sen agreeing to pass the same.

Attest: ASBURY DICKINS,
Secretar

Feb. 26, 1857
Vol. 11, p. 166.

CHAP. 60.—An Act to authorize the People of the Territory of M nesota to form a Constitution and State Government, preparator their Admission in the Union on an equal Footing with the orig States.

Inhabitants of part of Minnesota authorized to form a constitution and State government.

Be it enacted by the Senate and House of Representative the United States of America in Congress assembled, That inhabitants of that portion of the Territory of Minnes which is embraced within the following limits, to wit: ginning at the point in the centre of the main channel the Red River of the North, where the boundary line tween the United States and the British possessions cros the same; thence up the main channel of said river to t of the Boix des Sioux River; thence [up] the main chan of said river to Lake Travers; thence up the centre of s lake to the southern extremity thereof; thence in a di line to the head of Big Stone Lake; thence through its c tre to its outlet; thence by a due south line to the no line of the State of Iowa; thence east along the north boundary of said State to the main channel of the Mis sippi River; thence up the main channel of said river, following the boundary line of the State of Wisconsin, u the same intersects the Saint Louis River; thence d said river to and through Lake Superior, on the bound line of Wisconsin and Michigan, until it intersects dividing line between the United States and the Bri possessions; thence up Pigeon River, and following s dividing line to the place of beginning—be and they hereby authorized to form for themselves a Constitu and State Government, by the name of the State of M nesota, and to come into the Union on an equal footing w the original States, according to the federal constitution

* * * * *

Convention of delegates to be held.

SEC. 3. *And be it further enacted*, That on the first M day in June next, the legal voters in each representa

strict, then existing within the limits of the proposed ate, are hereby authorized to elect two delegates for each presentative to which said district may be entiled accord- g to the apportionment for representatives to the territo- al legislature, * * * * ; and e delegates so elected shall assemble at the capitol of said erritory on the second Monday in July next, and first de- rmine, by a vote, whether it is the wish of the people of e proposed State to be admitted into the Union at that me; and if so, shall proceed to form a constitution, and ke all necessary steps for the establishment of a State overnment, in conformity with the federal constitution, bject to the approval and ratification of the people of roposed State.

Voting.

Meeting of convention.

* * * * *

SEC. 5. *And be it further enacted*, That the following prop- itions be, and the same are hereby offered to the said con- ention of the people of Minnesota for their free acceptance rejection, which, if accepted by the convention, shall be bligatory on the United States and upon the said State of innesota, to wit:

Propositions to be acted on by the convention.

* * * * *

Fifth. That five per centum of the net proceeds of sales all public lands lying within said State, which shall be ld by Congress after the admission of the said State into e Union, after deducting all the expenses incident to the me, shall be paid to said State, for the purpose of making blic roads and internal improvements, as the legislature all direct: *Provided*, The foregoing propositions herein fered are on the condition, that the said convention which all form the constitution of said State shall provide, by a ause in said constitution, or an ordinance, irrevocable with- t the consent of the United States, that said State shall ever interfere with the primary disposal of the soil within e same, by the United States, or with any regulations ongress may find necessary for securing the title in said il to *bona fide* purchasers thereof; and that no tax shall imposed on lands belonging to the United States, and at in no case shall non-resident proprietors be taxed gher than residents.

Approved, February 26, 1857.

Percentage on land-sales.

The above propositions made conditional.

HAP. 111.—An Act making appropriations for the Naval Service for the Year ending the thirtieth of June, eighteen hundred and fifty- eight.

Mar. 3, 1857. Vol. 11, p. 243.

Be it enacted by the Senate and House of Representatives of e United States of America in Congress assembled. That the llowing sums be and they are hereby appropriated, to be id out of any money in the treasury not otherwise appro- iated, for the year ending the thirtieth of June, eighteen ndred and fifty-eight:

* * * * *

SEC. 10. *And be it further enacted*, That the Secretaries War and the Navy be authorized, under the direction of

Ship canal near Isthmus of Darien.

the President, to employ such officers of the army and navy as may be necessary for the purpose to make exploration and verification of the surveys already made of a ship cana near the Isthmus of Darien, to connect the waters of the Pacific and Atlantic by the Atrato and Turando rivers *Provided*, That the expense shall not exceed twenty-five thousand dollars, which are hereby appropriated therefor out of any money in the treasury not otherwise appropri ated.

* * * * *

Approved, March 3, 1857.

Mar. 3, 1857. Vol. 11, p. 520.

CHAP. 173.—An Act for the relief of Collier H. Minge, Philip T. El licott, and Lucretia A. Brodie, Administratrix of Charles Brodie.

$6,919.38 to be paid to C. H. Minge, P. T. Ellicott, and L. A. Brodie, administratrix of C. Brodie.

$13,913.62 to be paid to C H. Minge and P. T. Ellicott.

Be it enacted by the Senate and House of Representatives o the United States of America in Congress assembled, That th Secretary of the Treasury be and he hereby is directed, ou of any money in the treasury not otherwise appropriated to pay to Collier H. Minge, Philip T. Ellicott, and Lucreti A. Brodie, administratrix of Charles Brodie, the sum of si thousand nine hundred and nineteen dollars and thirty eight cents, to be divided equally among them; and to Col lier H. Minge and Philip T. Ellicott, the sum of thirtee thousand nine hundred and thirteen dollars and sixty-tw cents, to be equally divided among them. The said sum being in full for the amount due on a contract dated fift December, eighteen hundred and thirty-eight, for excava ting the channel on Dog-River bar, in the Bay of Mobile.

Approved, March 3, 1857.

June 7, 1858. Vol. 11, p. 543.

CHAP. 112.—An Act for the Relief of Alonzo and Elbridge G. Colby

$2,502.11 to be paid Alonzo and Elbridge G. Colby, being balance due them on contract.

Be it enacted by the Senate and House of Representatives o the United States of America in Congress assembled, That th sum of twenty-five hundred and two dollars and eleve cents be, and the same is hereby, appropriated, out of an moneys in the treasury of the United States not otherwis appropriated, to and for Alonzo Colby and Elbridge G Colby, of the town of Buck[s]port, in the State of Main the sum being the balance due them on their contract wit the United States, dated July twenty-four, eighteen hu dred and fifty-five, for constructing a breakwater at Owl Head harbor, Penobscot River, Maine.

Approved, June 7, 1858.

June 9, 1858. Vol. 11, p. 313.

CHAP. 133.—An Act for the Relief of certain Settlers on the Publ Lands in the State of Wisconsin.

Certain selections of land under act of 1846 ch. 170, for improvement of Fox and Wisconsin Rivers, confirmed to Wisconsin.

Be it enacted by the Senate and House of Representatives o the United States of America in Congress assembled, That s much of the even-numbered sections of land selected by th State of Wisconsin in the month of June, in the yea eighteen hundred and forty-nine, to satisfy the quantity o land due said State under the act of Congress of Augus eighth, eighteen hundred and forty-six, granting land in ai

f the improvement of the Fox and Wisconsin rivers, as *are* been sold, or contracted to be sold, by said State or its ssigns, under the laws thereof, *are* hereby confirmed to aid State, as parts of said grant, and the title of the purhasers declared to be valid as though the said selections ad been made in conformity with law: *Provided*, That othing contained in this act shall be construed to increase he quantity of land to which the State is entitled under he grant aforesaid: *And provided further*, That a schedule uly *certify* [certified] by the governor, of the lands sold nd contracted for to be sold, prior to the passage of this ct, shall be filed in the General Land-Office within six nonths from the date of this act.

Proviso.

Further proviso.

* * * * *

Approved, June 9, 1858.

No. 23.] A Resolution authorizing the Secretary of War to expend the Appropriation made July eighth, eighteen hundred and fifty-six, upon such Channel of the St. Mary's River as he may select.

June 9, 1858.
Vol. 11, p. 871.
1856, ch. 55.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the appropriation of July eighth, eighteen hundred and fifty-six, made for the improvement of St. Mary's River, in the State of Michigan, may be expended in excavating such channel s, from the evidence which he may obtain, the Secretary of War shall deem best.

The appropriation may be expended in excavating channel.

Approved, June 9, 1858.

CHAP. 30.—An Act for the Relief of Henry Hubbard.

Feb. 9, 1859.
Vol. 11, p. 559.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That here be allowed and paid, out of any money in the treasury ot otherwise appropriated, to Henry Hubbard, the sum of x hundred and seventy-two dollars and seventy-five cents, or his services as United States agent charged with the afe-keeping of the public property at the harbor of Ashtaula, in the State of Ohio, as certified by the Bureau of opographical Engineers, with interest, at the rate of six er centum per annum, from the eleventh of June, eighteen undred and fifty-six, from which time payment is shown o have been delayed for want of appropriation.

$672.75, and interest, to be paid Henry Hubbard.

Approved, February 9, 1859.

CHAP. 33.—An Act for the Admission of Oregon into the Union.

Feb 14, 1859.
Vol. 11, p. 383.

Preamble.

Whereas the people of Oregon have framed, ratified, and adopted a constitution of State government which is republican in form, and in conformity with the Constitution of the United States, and have applied for admission into the Union on an equal footing with the other States: Therefore—

Oregon admitted.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Oregon be, and she is hereby, received into the Union on an equal footing with the other States in all respects whatever, with the following boundaries: In order that the boundaries of the State may be known and established, it is hereby ordained and declared that the State of Oregon shall be bounded as follows, to wit: Beginning one marine league at sea due west from the point where the forty-second parallel of north latitude intersects the same; thence northerly, at the same distance from the line of the coast, lying west and opposite the State, including all islands within the jurisdiction of the United States, to a point due west and opposite the middle of the north ship channel of the Columbia River; thence easterly, to and up the middle channel of said river and, where it is divided by islands, up the middle of the widest channel thereof, to a point near Fort Walla-Walla, where the forty-sixth parallel of north latitude crosses said river; thence east, on said parallel, to the middle of the main channel of the Shoshones or Snake River; thence up the middle of the main channel of said river, to the mouth of the Owyhee River; thence due south, to the parallel of latitude forty-two degrees north; thence west, along said parallel, to the place of beginning, * * *

Boundaries.

* * * * *

Proposition to be submitted to popular vote.

SEC. 4. *And be it further enacted*, That the following propositions be, and the same are hereby, offered to the said people of Oregon for their free acceptance or rejection which, if accepted, shall be obligatory on the United States and upon the said State of Oregon, to wit:

* * * * *

Percentage on land-sales.

Fifth. That five per centum of the net proceeds of sales of all public lands lying within said State which shall be sold by Congress after the admission of said State into the Union, after deducting all the expenses incident to the same, shall be paid to said State, for the purpose of making public roads and internal improvements, as the legislature shall direct: *Provided*, That the foregoing propositions hereinbefore offered, are on the condition that the people of Oregon shall provide by an ordinance, irrevocable without the consent of the United States, that said State shall never interfere with the primary disposal of the soil within the same by the United States, or with any regulations Congress may find necessary for securing the title in said soil to bona fide purchasers thereof; and that in no case shall non-resident proprietors be taxed higher than residents.

Proviso: conditions on which propositions are offered.

United States property to be free from taxation.

Sixth. And that the said State shall never tax the lands or the property of the United States in said State: *Provided, however*, That in case any of the lands herein granted to the State of Oregon have heretofore been confirmed to the Territory of Oregon for the purposes specified in this act the amount so confirmed shall be deducted from the quantity specified in this act.

Proviso.

* * * * *

Approved, February 14, 1859.

[No. 12.] A Resolution authorizing the Enlargement of, and Construction of a Branch to, the Louisville and Portland Canal.

May 24, 1860.
Vol. 12, p. 116.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the President and Directors of the Louisville and Portland Canal Company be, and they are hereby, authorized, with the revenues and credits of the company, to enlarge the said canal and to construct a branch canal from a suitable point on the south side of the present canal, to a point in the Ohio River, opposite Sand Island, sufficient to pass the largest class of steam-vessels navigating the Ohio River: *Provided*, That nothing herein contained, shall authorize the said president and directors, directly or indirectly, to use or pledge the faith or credit of the United States for the said enlargement or construction. It hereby being expressly declared, that the Government of the United States shall not be in any manner liable for said enlargement and construction: *Provided, further*, That when said canal is enlarged and its branch canal constructed and its cost of said improvements paid for, no more tolls shall be collected than an amount sufficient to keep the canal in repair and pay for all necessary superintendence and management.

Louisville and Portland Canal to be enlarged and branch built.

Proviso.

United States to be in no way liable.

Tolls.

Approved, May 24, 1860.

CHAP. 99.—An Act for the relief of Shade Calloway.

June 9, 1860.
Vol. 12, p. 849.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the proper accounting officers allow and pay out of the treasury to Shade Calloway the sum of one thousand three hundred and fifty dollars, for work done by him on the Tennessee River, under his contract with Brevet Lieutenant-Colonel J. McClelland, dated the sixteenth of September, eighteen hundred and fifty-three, according to the account approved and certified by the agent placed in charge of said work at the death of the said officer.

Payment to be made to Shade Calloway for work on Tennessee River.

Approved, June 9, 1860.

CHAP. 114.—An Act to liquidate the unadjusted Contracts of the Tennessee River Improvement.

June 12, 1860.
Vol. 12, p. 29.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That all contracts made by the duly authorized officers of the Government, appointed under the act of thirty-second Congress making an appropriation of fifty thousand dollars for the improvement of the Tennessee River, shall be audited by the accounting officers of the treasury, and paid out of any money in the treasury not otherwise appropriated.

Certain contracts to be audited and paid. 1852, ch. 104.

Approved, June 12, 1860.

Jan. 19, 1861. Vol. 12, p. 125.

CHAP. 11.—An Act to continue in force an Act therein mentioned, relating to the Port of Baltimore.

Act of 1800, ch. 15, revived in part and extended to March 3, 1871.

See acts 1808, ch. 47; 1814, ch. 60; 1822, ch. 29; 1828, ch. 15; 1838, ch. 34; 1843, ch. 45; 1850, ch. 17.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the act passed the seventeenth day of March, one thousand eight hundred, entitled "An act declaring the assent of Congress to certain acts of the States of Maryland and Georgia," and which by subsequent acts have been continued in force until the third day of March, one thousand eight hundred and sixty-one, be and the same, so far as it relates to the act of the State of Maryland, is hereby revived and continued in force until the third day of March, one thousand eight hundred and seventy-one: *Provided*, That the duty shall not be levied on any vessel more than once in any month.

Proviso.

Approved, January 19, 1861.

Jan. 29, 1861. Vol. 12, p. 126.

CHAP. 20.—An Act for the Admission of Kansas into the Union.

Preamble.

Whereas the people of the Territory of Kansas, by their representatives in Convention assembled, at Wyandott, in said Territory, on the twenty-ninth day of July, one thousand eight hundred and fifty-nine, did form for themselves a constitution and State government, republican in form, which was ratified and adopted by the people at an election held for that purpose on Tuesday, the fourth day of October, one thousand eight hundred and fifty-nine, and the said Convention has, in their name and behalf, asked the Congress of the United States to admit the said Territory into the Union as a State, on an equal footing with the other States: Therefore

Kansas admitted as a State.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the State of Kansas shall be, and is hereby declared to be, one of the United States of America, and admitted into the Union on an equal footing with the original States in all respects whatever. And the said State shall consist of all the territory included within the following boundaries, to wit: Beginning at a point on the western boundary of the State of Missouri, where the thirty-seventh parallel of north latitude crosses the same; thence west on said parallel to the twenty-fifth meridian of longitude west from Washington; thence north on said meridian to the fortieth parallel of latitude; thence east on said parallel to the western boundary of the State of Missouri; thence south with the western boundary of said State to the place of beginning:

Boundaries.

* * * * *

Congress does not assent, &c.

SEC. 3. *And be it further enacted*, That nothing in this act shall be construed as an assent by Congress to all or to any of the propositions or claims contained in the ordinance of said constitution of the people of Kansas, or in the resolutions thereto attached; but the following propositions are hereby offered to the said people of Kansas for their free acceptance or rejection, which, if accepted, shall be obliga-

Propositions to be submitted to popular vote.

tory on the United States and upon the said State of Kansas, to wit:

* * * * *

Fifth, That five per centum of the net proceeds of sales of all public lands lying within said State which shall be sold by Congress after the admission of said State into the Union, after deducting all the expenses incident to the same, shall be paid to said State for the purpose of making public roads and internal improvements, or for other purposes, as the Legislature shall direct: *Provided*, That the foregoing propositions hereinbefore offered are on the condition that the people of Kansas shall provide by an ordinance, irrevocable without the consent of the United States, that said State shall never interfere with the primary disposal of the soil within the same by the United States, or with any regulations Congress may find necessary for securing the title in said soil to bona fide purchasers thereof. Sixth, And that the said State shall never tax the lands or the property of the United States in said State: *Provided, however*, That in case any of the lands herein granted to the State of Kansas have heretofore been confirmed to the Territory of Kansas for the purposes specified in this act, the amount so confirmed shall be deducted from the quantity specified in this act.

Percentage on land-sales shall be paid to the State for making roads and internal improvements.

Proviso.

Conditions.

State not to tax property of United States in the said State.

Proviso as to lands heretofore confirmed to the Territory of Kansas.

* * * * *

Approved, January 29, 1861.

[No. 9.] Joint Resolution giving the Assent of Congress to certain Acts passed, or to be passed, by the Legislatures of the States of Arkansas, Louisiana, and Texas, or any two of them, in Relation to the "Raft" of Red River, and for other Purposes.

Feb. 21, 1861.
Vol. 12, p. 250.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the assent of Congress be, and the same is hereby, given, to any acts that have been, or may be, passed by the Legislatures of the States of Arkansas, Louisiana, and Texas, or of any two of them, having for their object the improvement of the navigation of Red River by the removal of the "Raft" therefrom.

Assent of Congress given to acts for improving the navigation of Red River.

SEC. 2. *And be it further resolved*, That Congress hereby assents, that after and so soon as any company incorporated by the States aforesaid, or any two of them, for the purpose, shall have removed the obstructions to navigation in Red River caused by the "Raft," and have rendered the same navigable, and not before, the said States, or any two of them, may, through the said company, under and in accordance with, and in the mode provided by, the acts incorporating the same, for the benefit of the company and to reimburse to it its expenditures in removing said "Raft," levy and collect, by way of commutation for duties of tonnage, tolls upon all boats or other water-crafts ascending or descending said river, and passing through the portion thereof that shall so have been improved and rendered

Tolls may be charged, &c., for thirty years.

navigable, not to exceed the following sums: that is to say, fifty cents on and for each bale of cotton, and twenty-five cents on and for each barrel of goods, wares, and merchandise wherewith such boats or crafts may be laden; and that this privilege may continue until the expiration of thirty years from the ninth day of March, Anno Domini eighteen hundred and sixty: *Provided*, That nothing herein contained shall authorize the said company to impair the navigation of Red Bayou: *Provided, further*, That the United States shall have the right, at any time after the expiration of ten years, to take possession of the work by paying to the company the amount of expenditure, with seven per centum interest.

Proviso.

Proviso.

Approved, February 21, 1861.

Jan. 16, 1864. Vol. 13, p. 1.

CHAP. 1.—An Act declaring the Assent of Congress to an Act of the Legislature of the State of Illinois, therein named.

The city of Chicago may erect piers in the navigable waters of Lake Michigan, to protect aqueduct pipes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of congress is hereby given to the operation of the eleventh section, chapter fifteen, of the act of the general assembly of the State of Illinois, approved February thirteenth, eighteen hundred and sixty-three, entitled "An act to reduce the charter of the city of Chicago, and the several acts amendatory thereof, into one act, and to revise the same,"—which section is as follows: "Said city shall have the power to extend aqueducts or inlet-pipes into Lake Michigan, so far as may be deemed necessary to insure a supply of pure water, and to erect a pier or piers in the navigable waters of said lake, for the making, preserving, and working of said pipes or aqueducts: *Provided*, That such piers shall be furnished with a beacon-light, which shall be lighted at all such seasons and hours as the light on the pier at the entrance of Chicago river."

Piers to be lighted.

Approved, January 16, 1864.

April 9, 1864. Vol. 13, p. 578.

CHAP. 55.—An act for the Relief of Daniel Wormer.

Payment to Daniel Wormer for timber, &c., for pier at Little Sodus.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury be, and he hereby is, directed, out of any money in the treasury not otherwise appropriated, to pay to Daniel Wormer the sum of one thousand seven hundred and seventy-eight dollars and thirty-six cents, in full for all percentage retained by the Government on payments heretofore made to him, and for all timber or other materials furnished by him in the construction of the pier at Little Sodus Bay, on Lake Ontario.

Approved, April 9, 1864.

CHAP. 56.—An Act for the Relief of Darius S. Cole.

April 9, 1864.
Vol. 13, p. 578.

Payment to Darius S. Cole for materials for pier at Little Sodus.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury be, and he is hereby, directed, out of any money in the treasury not otherwise appropriated, to pay to Darius S. Cole the sum of two thousand two hundred and twenty-four dollars, in full for materials furnished to the United States for the construction of the pier in Little Sodus Bay, Lake Ontario.

Approved, April 9, 1864.

CHAP. 57.—An Act for the Relief of William G. Brown.

April 9, 1864.
Vol. 13, p. 579.

Payment to William G. Brown for stone, &c., for pier at Little Sodus.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury be, and he hereby is, directed, out of any money in the treasury not otherwise appropriated, to pay to William G. Brown the sum of ninety-nine dollars, in full for stone or other materials used by order of the agents of the Government in the construction of a pier in Little Sodus Bay, on Lake Ontario, in the year one thousand eight hundred and fifty-three.

Approved, April 9, 1864.

CHAP. 91.—An Act for the Relief of Charles L. Nelson.

May 19, 1864.
Vol. 13, p. 580.

Payment to Charles L. Nelson for services as agent for improvement at Burlington Harbor, Vermont.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury be, and he is hereby, directed to pay to Charles L. Nelson the sum of three hundred and eight dollars, out of any money in the treasury not otherwise appropriated, it being for his services as agent for the improvement of the harbor of Burlington, Vermont, from the fifteenth day of January, eighteen hundred and fifty-three, to the second day of April, eighteen hundred and fifty-three, inclusive, at four dollars per day.

Approved, May 19, 1864.

CHAP. 168.—An Act to provide for the Repair and Preservation of certain Public Works of the United States.

June 28, 1864.
Vol. 13, p. 200.

Appropriation to preserve certain public works on northern lakes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and hereby is, appropriated, out of any money in the treasury not otherwise appropriated, the sum of two hundred and fifty thousand dollars, to be expended under

the direction of the Secretary of War, in protecting the commerce of the lakes by causing the public works connected with the harbors on Lakes Champlain, Ontario, Erie, St. Clair, Huron, Michigan, and Superior, to be repaired and made useful for purposes of commerce and navigation, so far as the same, in his judgment, may be necessary.

Appropriations to preserve certain public works on the seaboard.

SEC. 2. *And be it further enacted*, That there be, and hereby is, appropriated, out of any money in the treasury not otherwise appropriated, the further sum of one hundred thousand dollars, to be expended under the direction of the Secretary of War, in repairing and rendering useful for purposes of commerce and navigation such of the public works connected with the harbors on the seaboard of the United States as may, in his judgment, need such expenditure.

Approved, June 28, 1864.

Statement showing the works of river and harbor improvement, to which the appropriation of $250,000 *made by the foregoing act (Act approved June* 28, 1864) *was distributed, and the amount allotted to each work.*

Harbor at Burlington, Vt	$13,500
Harbor at Buffalo, N. Y	15,000
Genesee River, New York	25,000
Harbor at Oswego, N. Y	25,000
Harbor at Plattsburg, N. Y	2,000
Harbor at Erie, Pa	15,000
Harbor at Chicago, Ill	25,000
Black River, Ohio	20,000
Harbor at Cleveland, Ohio	20,000
Grand River, Ohio	10,000
Harbor at Sandusky City, Ohio	10,000
Harbor at St. Joseph, Mich	15,000
Harbor at Milwaukee, Wis	15,000
Harbor at Racine, Wis	3,600
Harbor at Sheboygan, Wis	10,000

July 1, 1864.
Vol. 16, p. 413.

[No. 59.] A Resolution for the Relief of the State of Wisconsin.

Wisconsin to be charged with the proceeds of sales of land granted to the Milwaukie and Rock River Canal;

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Department of the Interior shall, in adjusting the amount due the State of Wisconsin, under existing laws, as five percentum of the net proceeds of sales of the public lands within her limits, estimate and charge against her the value of the one hundred and twenty-five thousand four hundred and thirty-one and eighty-two one-hundredths acres of land granted to the Territory of Wisconsin, to aid in the construction of the Milwaukie and Rock River Canal which have been sold by said territory or said state, at one dollar and twenty-five cents per acre, and as much more as the territory and state received upon the same upon sales of any part thereof at a higher price, and shall credit said state with the amount that has been legally and properly

To be credited with what.

applied by said state or territory towards the cost of selling said land and towards the construction of said canal. And the said secretary shall also settle and allow to the Milwaukie and Rock River Canal Company such sums of money as have been properly expended by said company in the survey and location of said canal, in the construction thereof, as far as the same has been constructed, together with dams, locks, and slack-water navigation, and in the management and keeping the same in repair; and the same shall be paid to the said canal company out of any money in the treasury not otherwise appropriated, not exceeding in amount, however, the balance charged against the State of Wisconsin upon the sales of said canal lands, as above required, after deducting the sum allowed said state for money paid by her out of the same fund. The same to be received by said canal company in full payment and satisfaction of all claims of said company against the state of Wisconsin and of the United States on account of said canal land grant, or on account of any action of the Territory or State of Wisconsin, or of the United States, in relation thereto.

Allowance to the canal company.

SEC. 2. *And be it further resolved*, That the commissioner of the general land-office be, and he is hereby, appointed commissioner to adjust the accounts herein provided for, under the supervision of the Secretary of the Interior, and to determine what sum shall be charged to said State of Wisconsin for the lands granted for the construction of said canal; and what sums shall be credited, respectively, to said state and said company for the moneys expended by them in the construction of said locks and canal as herein provided.

Commissioner of General Land Office to adjust the accounts.

Approved, July 1, 1864.

CHAP. 211.—An Act making Appropriations for the Construction, Preservation, and Repairs of certain Fortifications and other Works of Defence for the Year ending the thirtieth of June, eighteen hundred and sixty-five, and for other Purposes.

July 2, 1864.
Vol. 13, p. 353.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the treasury not otherwise appropriated, for the construction, preservation, and repairs of certain fortifications and other works of defence for the year ending the thirtieth of June, eighteen hundred and sixty-five:—

Appropriation for fortifications, &c.

* * * * *

For sea-wall of Great Brewster's Island, forty thousand dollars.

Sea-wall at Great Brewster Island.

For repair of sea-walls on Deer and on Lovell's Island, ten thousand dollars.

On Deer and Lovell's Islands.

* * * * *

For repairs and completion of sea-wall at Buffalo, thirty-seven thousand five hundred dollars.

Sea-wall at Buffalo.

* * * * *

Approved, July 2, 1864.

Feb. 28, 1865.
Vol. 13, p. 442.

CHAP. 68.—An Act making Appropriations for the Construction, Preservation, and Repairs of certain Fortifications and other Works of Defence, for the year ending the thirtieth of June, eighteen hundred and sixty-six.

Appropriations

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the treasury not otherwise appropriated, for the construction, preservation, and repairs of certain fortifications and other works of defence for the year ending the thirtieth of June, eighteen hundred and sixty-six:

* * * * *

Sea-wall of Great Brewster Island.

For sea-wall of Great Brewster's Island, Boston harbor, Massachusetts, twenty thousand dollars.

Sea-wall on Deer and Lovell's Islands.

For repairs of sea-walls on Deer and on Lovell's Islands, Boston harbor, Massachusetts, three thousand dollars.

* * * * *

Approved, February 28, 1865.

Feb. 28, 1865.
Vol. 13, p. 445.

CHAP. 72.—An Act granting to the Michigan City Harbor Company the Use of Government Piers in said Harbor for the purpose of protecting said Harbor.

Use of certain piers granted to Michigan City Harbor Company.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there is hereby granted to the Michigan City Harbor Company, at Michigan City, in the State of Indiana, the privilege of using the foundations of the old government piers now in said harbor, for the purpose of improving and protecting the said harbor, and no expenses made by the said harbor company for this purpose shall be considered a charge against the government.

* * * * *

Approved, February 28, 1865.

March 3, 1865.
Vol. 13, p. 519.
1886, ch. 161.

CHAP. 102.—An Act granting Land to the State of Michigan, to aid in building a Harbor and Ship-Canal at Portage Lake, Keweenaw Point, Lake Superior.

The State of Michigan may locate, &c., a ship-canal, &c., through "The Portage."

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and is hereby, granted to the State of Michigan the right of locating and constructing a breakwater and harbor and ship canal through any public lands at or upon the neck of land on Lake Superior known as "The Portage:" *Provided*, That not more than one thousand feet in width on the bank of Lake Superior shall be occupied by

Limit to grant.

said breakwater and harbor, and that a strip of land not more than four hundred feet in width on said neck of land shall be occupied by said canal: *And provided, further*, That said ship-canal shall be at least one hundred feet in width, with a depth of water not less than thirteen feet.

Width and depth of canal.

SEC. 2. *And be it further enacted*, That there be, and hereby is, granted to the said State of Michigan, for the purpose of aiding said State in constructing and completing a harbor and ship-canal to connect the waters of Lake Superior with the waters of Portage Lake, two hundred thousand acres of public lands, to be selected in subdivisions agreeably to the United States survey, by an agent or agents appointed by the governor of said state, subject to the approval of the Secretary of the Interior, from any lands in the upper peninsula of said state, subject to private entry: *Provided*, That said selections shall be made from alternate and odd-numbered sections of land nearest the location of said canal in said upper peninsula, not otherwise appropriated, and not from lands designated by the United States as "mineral" before the passage of this act, nor from lands to which the rights of preëmption or home-stead have attached.

Grant to Michigan of public lands to aid in building ship-canal.

How and where selected.

Proviso.

SEC. 3. *And be it further enacted*, That the said lands hereby granted shall be subject to the disposal of the legislature of said state, or, if the legislature thereof shall not be in session, or shall adjourn within ten days after the passage and approval of this act, then said lands shall be subject to the disposal of the governor and board of control of said state, for the purpose aforesaid and for no other; and the said canal shall be and remain a public highway for the use of the government of the United States, free from toll or charge upon the vessels of said government, or upon vessels employed by said government in the transportation of any property or troops of the United States.

Lands granted to be subject to disposal by the State.

Canal to be public highway, and no charge to United States vessels.

SEC. 4. *And be it further enacted*, That before it shall be competent for said state to dispose of any of said lands, to be selected as aforesaid, the plan of said breakwater and harbor, and the route of said canal shall be established as aforesaid, and a plat or plats thereof shall be filed in the office of the War Department, and a duplicate thereof in the office of the commissioner of the general land-office.

Route of canal to be established before lands are disposed of.

SEC. 5. *And be it further enacted*, That if the said breakwater, harbor, and ship-canal shall not be completed within two years from the passage of this act, the lands hereby granted shall revert to the United States.

Unless canal &c., completed in two years, land to revert.
1869, Res. No. 16.
1871, Res. No. 47.
1872, ch. 66.
1873, ch. 323.

SEC. 6. *And be it further enacted*, That the legislature of said state shall cause to be kept an accurate account of the sales and net proceeds of the lands hereby granted, and of all expenditures in the construction, repairs, and operating of said canal, and of the earnings thereof, and shall return a statement of the same annually to the Secretary of the Interior; and whenever said state shall be fully reimbursed for all advances made for the construction, repairs, and operating of said canal, with legal interest on all advances, until the reimbursement of the same, or upon payment by the United States of any balance of such advances over

Account of sales of lands, and net proceeds and earnings and expenditures, to be kept.

When State is reimbursed; tolls to be such only as shall pay expenses of canal.

such receipts from said lands and canal, with such interes the said state shall be allowed to tax for the use of sai canal only such tolls as shall be sufficient to pay all nece sary expenses for the care, charge, and repair of the sam

Approved, March 3, 1865.

April 10, 1866. Vol. 14, p. 30.

CHAP. 32.—An Act granting to the State of Wisconsin a Donation Public Lands to aid in the Construction of a Breakwater and Harb and Ship Canal at the Head of Sturgeon Bay, in the County of Do in said State, to connect the Waters of Green Bay with Lake Mich gan, in said State.

Grant of land to Wisconsin for breakwater, harbor, and ship-canal.

Be it enacted by the Senate and House of Representatives the United States of America in Congress assembled, Th there be, and hereby is, granted to the State of Wiscons for the purpose of aiding said State in constructing and co pleting a breakwater and harbor and ship canal to conne the waters of Green bay with the waters of Lake Michiga two hundred thousand acres of public lands, to be select in subdivisions agreeably to the United States survey, an agent or agents appointed by the governor of said Sta subject to the approval of the Secretary of the Interi from lands subject to private entry: *Provided*, That sa selections shall all be made from alternate and odd number sections of land nearest the location of said harbor and nal in said State not otherwise appropriated, and not fr lands designated by the United States as "mineral" befo the passage of this act, nor from lands to which the rigl of pre-emption or homestead have attached.

Proviso: Selections, how made.

Lands subject to disposal of legislature, &c.

SEC. 2. *And be it further enacted*, That the said lan hereby granted shall be subject to the disposal of the le islature of said State, or, if the legislature thereof shall n be in session, or shall adjourn within ten days after the pa sage and approval of this act, then said lands shall be su ject to the disposal of the governor and board of comm sioners of school, university, and swamp lands of said Sta for the purposes aforesaid, and for no other; and the sa canal shall be and remain a public highway for the use the government of the United States, free from toll charge upon the vessels of said government, or upon ve sels employed by said government in the transportation any property or troops of the United States.

Canal to be public highway, &c.

Plans, &c., to be filed in Departments.

SEC. 3. *And be it further enacted*, That before it shall competent for said State to dispose of any of said lands, be selected as aforesaid, the plan of said breakwater a harbor and the route of said canal shall be established, a a plat or plats thereof shall be filed in the office of the W Department, and a duplicate thereof filed in the office of t Commissioner of the General Land Office.

Unless work is completed in three years, unsold lands revert to the United States.

1872, ch. 23.

SEC. 4. *And be it further enacted*, That if the said bres water, harbor, and canal, shall not be completed with three years from the passage of this act, the lands here granted and remaining unsold shall revert to the Unit States.

SEC. 5. *And be it further enacted*, That the legislature of said state shall cause to be kept an accurate account of the sales and net proceeds of the lands hereby granted, and of all expenditures in the construction, repairs, and operating of said canal, and of the earnings thereof, and shall return a a statement of the same annually to the Secretary of the Interior. And whenever said State shall be fully reimbursed for all advances made for the construction, repairs, and operating of said canal, with legal interest on all advances until the reimbursement of the same, or upon payment by the United States of any balance of such advances over such receipts from said lands and canal, with such interest, the said State shall be allowed to tax for the use of said canal only such tolls as shall be sufficient to pay all necessary expenses for the care, charge, and repair of the same.

Account to be kept; and when work is paid for, only such tolls, &c.

SEC. 6. *And be it further enacted*, That said ship canal shall be at least one hundred feet in width, with a depth of water not less than thirteen feet.

Width and depth of canal.

Approved, April 10, 1866.

CHAP. 115.—An Act making Appropriations for the Construction, Preservation, and Repairs of certain Fortifications and other Works of Defence, for the Year ending June thirty, eighteen hundred and sixty-seven.

June 12, 1866. Vol. 14, p. 61.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the construction, preservation, and repairs of certain fortifications and other works of defence for the year ending the thirtieth of June, eighteen hundred and sixty-seven:

Appropriations.

* * * * *

For sea-wall at Great Brewster's island, Boston harbor, Massachusetts, seventy-five thousand dollars.

Sea wall at Great Brewster's Island.

For sea-walls on Deer and Lovell's islands, Boston harbor, Massachusetts, fifty thousand dollars.

Sea walls on Deer and Lovell's islands.

* * * * *

Approved, June 12, 1866.

CHAP. 138.—An Act making Appropriations for the Repair, Preservation, and Completion of certain Public Works heretofore commenced under the Authority of Law, and for other Purposes.

June 23, 1866. Vol. 14, p. 70.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and the same are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction and superintendence of the Secretary of War, for the repair, preservation, and completion of the following works, hereto-

Appropriation for the repair, preservation, and completion of certain public works.

fore commenced under the authority of law, and for th other purposes hereinafter named, that is to say:

Examinations and surveys.

For examination and survey of works of improvement f which appropriations have been heretofore made, and co cerning which no sufficient information is now in possessio of the department, and for examination and survey at oth points in the fourth section of this act specified, that is say, on the Atlantic coast thirty thousand dollars; on th Pacific coast twenty-five thousand dollars; on the nort western lakes one hundred thousand dollars; on the weste and northwestern rivers one hundred thousand dolla And the Secretary of War, when the public interests requi it, shall cause examinations or re-examinations to be mad with suitable surveys of the works aforesaid, and all oth works provided for by this act, and shall make such chang or modifications of the plans heretofore adopted for the improvement as shall be necessary and proper. And shall cause such needful examination of other harbors a places in the fourth section of this act specified, upon th sea and lake coasts, and on western rivers, to be made will enable him to determine what improvements thereof a required to render them safe and convenient for the navig tion of the naval and commercial vessels of the Unit States and the cost of such improvements, and he sha make full report thereof, and of the plans deemed advisab therefor, to Congress, at the commencement of the next se sion, for such action as may be judged expedient and righ And if, upon such examination and survey of works fir herein named, being works now existing or in process completion, and concerning which no sufficient informati is now in the possession of the department, there sha remain an unexpended balance of appropriation proper applicable thereto from the sums herein appropriated, whi may, in the judgment of the Secretary of War, be jud ciously applied towards the economical and needful contin tion or completion of such works, the Secretary of War sha direct such balance to be applied and used accordingly; b no moneys shall be used for such purposes, excepting fro the balances remaining from appropriations herein made f the specific examination and survey of such works.

Re-examinations and changes in plans.

Examination of harbors to determine improvements, &c., necessary to make them safe for navigation.

Report to Congress.

Application of certain unexpended balances.

Breakwater at Portland Harbor.

For extending the breakwater at Portland harbor, Main one hundred and five thousand one hundred and eleven do lars and five cents.

Hudson River.

For improvement of navigation of Hudson river, Ne York, fifty thousand dollars.

Provincetown Harbor.

For preservation of Provincetown harbor, Massachussett forty-three thousand and sixty-eight dollars and forty-fo cents.

Thames River.

For improvement of Thames river, Connecticut, ten tho sand dollars.

Breakwater at Burlington, Vt.

For extension and repair of breakwater at Burlingto Vermont, twenty-seven thousand six hundred and sevent two dollars and twenty cents.

Delaware Breakwater.

For completion and repair of Delaware breakwater, Del ware bay, one hundred and seven thousand nine hundr and ten dollars.

For improving channel of Susquehanna river below Havre de Grace, Maryland, twenty-six thousand four hundred dollars. Channel of Susquehanna River.

For continuing improvement of Patapsco river, Maryland, five thousand two hundred dollars. Patapsco River.

For construction of snag-boats and other apparatus for clearing western rivers, and for the outfit, working, and preservation thereof, five hundred and fifty thousand dollars. Snag-boats and other apparatus.

And the Secretary of the Navy is hereby authorized and directed, upon such terms as may be agreed on by the Secretary of the Navy and the Secretary of War, to transfer to and place at the disposal of the Secretary of War such steamers of the United States, with boats and equipage belonging thereto, and used during the rebellion as portions of the river fleet, as may be so transferred in the judgment of the Secretary of the Navy without detriment to the public service, and as may be conveniently and fitly used in raising snags or removing obstructions from western rivers, so as to render them safe and navigable for the vessels of the United States and for the uses of commerce; and if the same shall be purchased by the Secretary of War, the amounts required for the payment therefor shall be taken from the appropriation aforesaid. Secretary of Navy to transfer, &c., to Secretary of War steamers, &c., for use in raising snags, &c., from western rivers. Appropriation for purchase.

For improving the mouth of the Mississippi river, seventy-five thousand dollars. Mouth of the Mississippi.

For improvement of the Mississippi, Missouri, Arkansas, and Ohio rivers, five hundred and fifty thousand dollars. Mississippi, Missouri, Arkansas, and Ohio rivers.

For improvement of the Des Moines rapids, Mississippi river, two hundred thousand dollars. Des Moines Rapids.

For improvement of the Rock Island rapids, Mississippi river, one hundred thousand dollars. Rock Island Rapids.

For improvement of the Saint Clair flats, Michigan, eighty thousand dollars. Saint Clair Flats.

For improvement of the Saint Mary's river, between Lake Superior and Lake Huron, fifty thousand dollars. Saint Mary's River.

For improvement of Oswego harbor, New York, and preservation of the public works at that point, forty-five thousand dollars. Oswego Harbor.

For improvement at Little Sodus Bay harbor, Fairhaven, in Cayuga county, New York, thirty-three thousand eight hundred and forty dollars and forty-one cents. Little Sodus Bay Harbor.

For improvement at Big Sodus Bay harbor, Wayne county, New York, fifty-three thousand one hundred and fifty-one dollars and eighty cents. Big Sodus Bay Harbor.

For improvement at the harbor of Genesee river, New York, seventy-five thousand six hundred and seven dollars and thirty cents. Harbor of Genesee River.

For improvement of harbor at Buffalo, New York, one hundred thousand dollars. Harbor and sea-wall at Buffalo.

For completing the sea wall at Buffalo harbor, New York, thirty-one thousand dollars.

For improvement of harbor and repair of public works at Erie, Pennsylvania, thirty-six thousand nine hundred and sixty-one dollars. Improvement of harbor, &c., at Erie.

For improvement of Conneaut harbor, Ohio, twenty thousand five hundred and thirteen dollars and seventy-four cents. Conneaut.

Ashtabula. For improvement of Ashtabula harbor, Ohio, twenty-four thousand seven hundred and eight dollars and eighty-two cents.

Grand River. For improvement of harbor at Grand river, Ohio, twenty-four thousand and seventy-two dollars.

Cleveland. For improvement of harbor at Cleveland, Ohio, fifty-nine thousand eight hundred and six dollars.

Black River. For improvement of harbor at Black river, Ohio, ten thousand dollars.

Vermillion. For improvement of harbor at Vermillion, Ohio, fifteen thousand three hundred and fifteen dollars and seventy-four cents.

Huron. For improvement of harbor at Huron, Ohio, thirty-nine thousand dollars.

Sandusky. For improvement of harbor at Sandusky City, Ohio, thirty-eight thousand five hundred and eighty dollars.

Toledo. For improvement of the harbor at Toledo, Ohio, twenty thousand dollars.

Monroe. For improvement of the harbor at Monroe, Michigan, thirty-one thousand and fifteen dollars and twenty-seven cents.

Aux Becs Scies, Frankfort. For improvement of harbor at Aux Becs Scies, Frankfort, Michigan, eighty-eight thousand five hundred and forty-one dollars.

Grand Haven. For improvement of harbor at Grand Haven, Michigan, sixty-five thousand dollars.

Black Lake. For improvement of harbor at Black Lake, Michigan, fifty-five thousand six hundred and fifteen dollars and thirty-one cents.

Saint Joseph. For improvement of harbor at Saint Joseph, Michigan, six thousand dollars.

Saginaw River. For improvement at the mouth of Saginaw river, Michigan, sixty-seven thousand five hundred dollars.

Chicago. For improvement of harbor at Chicago, Illinois, eighty-eight thousand seven hundred and four dollars.

Kenosha. For improvement of harbor at Kenosha, Wisconsin, seventy-five thousand four hundred and sixty-one dollars and forty-one cents.

Racine. For improvement of harbor at Racine, Wisconsin, twenty-three thousand nine hundred and ten dollars.

Milwaukee. For improvement of harbor at Milwaukee, Wisconsin, forty-eight thousand two hundred and eighty-three dollars and fifty-one cents.

Sheboygan. For improvement of harbor at Sheboygan, Wisconsin, forty-seven thousand five hundred and ninety-eight dollars and ninety-one cents.

Manitowoc. For improvement of harbor at Manitowoc, Wisconsin, fifty-two thousand dollars.

Marcus Hook. For repairs of government wharves and landings, and improving harbor at Marcus Hook, on Delaware river, Pennsylvania, five thousand dollars: *Provided*, That before expenses shall be incurred on said wharves and landings, it shall be shown to the satisfaction of the Secretary of War that the same belong to the United States.

Title to be examined.

Green Bay. For improvement of the harbor at Green Bay, at the mouth of Fox river, Wisconsin, thirty thousand five hundred dollars.

For constructing works and improving the entrance into the harbor of Michigan City, Indiana, seventy-five thousand dollars: *Provided*, That it shall be first shown to the satisfaction of the Secretary of War that a sum equal to double the amount aforesaid has been expended by the Michigan City Harbor Company in the construction of a safe and convenient harbor at that place: *And provided*, That the passage of vessels to and from said harbor shall be free and not subject to toll or charge.

Michigan City.

Amount to be expended by Michigan City Harbor Company.

Vessels not subject to toll. 1867, ch. 144, §2.

For improvement of the Kennebec river, in the State of Maine, between Sheppard Point and the city of Augusta, twenty thousand dollars.

Kennebec River.

For removal of obstructions to navigation in the Willamette river, between Portland and its mouth, in the State of Oregon, fifteen thousand dollars.

Willamette River.

For continuing the repair of the piers in Saco river, in the State of Maine, forty thousand dollars.

Piers in Saco River.

SEC. 2. *And be it further enacted*, That the money appropriated by this act shall be so applied as to complete, or make the nearest approximation to completing, the work for which each specific appropriation is made; and it shall be the duty of the Secretary of War to apply the sums herein appropriated for other purposes than for examinations and surveys by contract: *Provided*, That no contract shall be made except after public advertisement for proposals in such form and manner as to secure general notice thereof, and the same shall only be made with the lowest responsible bidder therefor, upon security deemed sufficient in the judgment of the Secretary. And it shall be the duty of the said Secretary, at the earliest practicable time, to report to Congress the result of any survey or resurvey, with the plan adopted and the items of expenditure under said plan; and he shall make report of all action taken under the provisions of this act; and he shall accompany said report with a statement of the amount and date of all former appropriations for each work, and a full estimate for its entire and permanent completion, with the amount that can be profitably expended in the next fiscal year. And he shall also state in what collection district each work is located, and at or near what port of entry, light-house, or fort; what amount of revenue was collected at the nearest port of entry for the last fiscal year; and, as far as practicable, what amount of commerce and navigation would be benefitted by the completion of each particular work; *Provided*, That he shall continue to make such a report at the commencement of every session of Congress until the works herein provided for shall all be completed.

Appropriation to be so applied as to complete the works.

For other purposes than for examinations, &c., by contract.

Contract not to be made until, &c.

Secretary of War to report results of surveys to Congress with plans, &c.

Report to state what.

To be continued until works are completed.

SEC. 3. *And be it further enacted*, That whenever the Secretary of War shall invite proposals for any works, or for any material or labor for any works, there shall be separate proposals and separate contracts for each work, and also for each class of material or labor for each work; and he shall report to Congress, at its next session, all the bids with the names of the bidders. All persons not holding commissions in the regular army of the United States who shall be intrusted with the disbursement of the funds appropriated for

Separate proposals and contracts for each work and each class of works, &c.

Disbursing officers, except, &c., to give bonds.

the works named in this act, shall be required to give bon and ample security for the faithful application of the same and no such disbursing officer in the army of the Unite States shall receive any commission or compensation fo making such disbursements. And the moneys hereinbefor appropriated shall remain and be at the disposal of the Se retary of War, and subject to his control for the purpose named in this act, until the several works and improvement herein provided for are completed, any law or regulation t the contrary notwithstanding.

United States officers not to receive commissions.

Appropriations to be at the disposal of Secretary of War.

Examinations or surveys, or both, to be made at various points, and purposes of the examination.

SEC. 4. *And be it further enacted*, That the Secretary War is hereby directed to cause examinations or survey or both as aforesaid, to be made at the following point namely:

At Superior City, Eagle Harbor, Marquette, and Lac Belle, on Lake Superior, and at Ausable river, in the Stat of Michigan;

Of the Ohio river between Pittsburg, Pennsylvania, an Buffinton island, West Virginia;

Of Sandusky river, Ohio;

At Chester harbor, Pennsylvania;

At Bridgeport, Connecticut;

At Hell Gate, New York;

At the port of Ogdensburg, New York;

At San Francisco, California;

At the "Grand Chain," in the Ohio river;

At the harbor of Baltimore, between Fort McHenry an the mouth of the Patapsco river, in the State of Maryland

Of the Mississippi river, between Fort Snelling and th Falls of Saint Anthony and the upper or Rock River rapid of the Mississippi river, with a view to ascertain the mo feasible means, by economizing the water of the stream, insuring the passage, at all navigable seasons, of boats draw ing four feet of water;

Of the Minnesota river, from its mouth to the Yellow Med cine river, in order to ascertain the practicability and e pense, by slack water navigation or otherwise, of securin the continued navigability of said stream during the usu season of navigation;

And for examining and reporting upon the subject of co structing railroad bridges across the Mississippi river, b tween St. Paul, in Minnesota, and St. Louis, in the State Missouri, upon such plans of construction as will offer th least impediment to the navigation of the river;

Of Rock river;

The Kennebec river above Gardiner, Maine;

The Penobscot river above Hampden, Maine;

At the Zambro river, Minnesota;

At the Cannon River, Minnesota;

At the harbor and the mouth of the Eighteen-mile creek at Olcott, New York;

At St. Croix river, above the ledge;

From the mouth of Illinois river to La Salle;

Estimates of cost.

Together with such necessary estimates of cost, as here inbefore provided, as will enable the Secretary of War t

determine what improvements and public works shall be necessary at the respective points aforesaid.

And the Secretary of War shall cause a survey to be made at the harbor of Burlington, Vermont, and the harbor of Dunkirk, New York;

At the harbor of Oak Orchard creek, New York;

And at Muskegon, White river, Manistee, South Haven, and New Buffalo, in the State of Michigan;

The Fox and Wisconsin rivers, in the State of Wisconsin;

And the Rock river, in the States of Illinois and Wisconsin, with its connections with Lake Winnebago;

And the upper Columbia river, Oregon.

Approved, June 23, 1866.

CHAP. 160.—An Act granting certain Lands to the State of Michigan to aid in the Construction of a Ship Canal to connect the Waters of Lake Superior with the Lake known as Lac La Belle, in said State.

July 3, 1866.
Vol. 14, p. 80.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and is hereby, granted to the State of Michigan, for the use and benefit of the "Lac La Belle Harbor Improvement Company," a company organized under and by virtue of the laws of the State of Michigan, for the purpose of aiding in the construction of a ship canal to connect the waters of Lake Superior with the lake known as Lac La Belle, in said State, one hundred thousand acres of the public lands of the United States in the upper peninsula of Michigan, to be selected from the odd-numbered sections of land nearest the location of the said canal, not otherwise reserved or appropriated, nor designated by the United States as "mineral lands" prior to the passage of this act, nor to which the rights of pre-emption or homestead have attached: *Provided*, That the said canal shall be at least one hundred feet wide at the top, seventy-five feet wide at the bottom, and shall have, when completed, a depth of water through its entire length of at least twelve feet, running from sixteen feet of water in Lake Superior to fourteen feet of water in Lac La Belle: *And provided further*, That said canal shall be and remain a public highway for the use of the government of the United States, free from toll or charge upon the vessels of said government, or upon vessels employed by said government in the transportation of any property or troops of the United States.

Lands granted to Michigan to aid in the construction of ship-canal between Lake Superior and Lac La Belle.

Amount, and where to be selected.

Size of canal and depth of water.

Canal to be a public highway, and be free to the United States.

SEC. 2. *And be it further enacted*, That the lands hereby granted shall be subject to the disposal of the legislature of the State of Michigan for the purposes aforesaid and no other; that as soon as the governor of the said State shall file, or cause to be filed, with the Secretary of the Interior, a map or plan showing the location of the said canal, then it shall be the duty of the Secretary of the Interior to withdraw from market the lands applicable and subject to the provisions of this act; and whenever the governor of the State of Michigan shall certify to the Secretary of the Inte-

Lands, how to be disposed of by Michigan.

When to be withdrawn from market.

rior that the said ship canal has been completed in a good, substantial, and workmanlike manner, in all respects in conformity with the provisions of this act, and to his satisfaction, then it shall be the duty of the Secretary of the Interior to issue patents to the said State of Michigan for the lands hereby granted.

Patents, when to issue.

If canal is not completed in two years, lands to revert.

SEC. 3. *And be it further enacted*, That if the said ship canal shall not be completed within two years from and after the passage of this act, the lands hereby granted shall revert to the United States.

Approved, July 3, 1866.

July 3, 1866. Vol. 14, p. 81.

CHAP. 161.—An Act granting Lands to the State of Michigan to aid in the Construction of a Harbor and Ship Canal at Portage Lake, Keewenaw Point, Lake Superior, in said State.

Lands granted to Michigan for a harbor and ship canal at Portage Lake.

1865, ch. 102.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and hereby is, granted to the State of Michigan, to aid in the building of a harbor and ship canal at Portage lake, Keewenaw Point, Lake Superior, in addition to a former grant for that purpose, approved March the third, eighteen hundred and sixty-five, two hundred thousand acres of land in the upper peninsula of the State of Michigan, and from land to which the right of homestead or pre-emption has not attached: *Provided*, That one hundred and fifty thousand acres of said lands shall be selected from alternate odd-numbered sections, and fifty thousand acres from even-numbered sections of the lands of the United States. Said grant of lands shall inure to the use and benefit of the Portage Lake and Lake Superior Ship Canal Company, in accordance with an act of the legislature of the State of Michigan, conferring the land granted to the said State, by the act herein referred to, on said company: *And provided further*, That the time allowed for the completion of said work and the right of reversion to the United States, under the said act of Congress, approved March the third, eighteen hundred and sixty-five, be extended three additional years: *And provided further*, That no lands designated by the United States as "mineral" before the passage of this act shall be included within this grant.

Amount.

How to be selected.

To whose use to inure.

Time for completing work extended.

1865, ch. 102, § 5; 1869, Res. No. 16; 1871, Res. No. 47; 1872, ch. 66; 1873, ch. 323.

Mineral lands not granted.

Approved, July 3, 1866.

July 3, 1866. Vol. 14, p. 362.

[No. 62.] A Resolution for the Construction of a Railroad Bridge across the Cuyahoga River, over and upon the Government Piers at Cleveland, Ohio.

A swing bridge may be erected upon Government piers across Cuyahoga River at Cleveland, Ohio.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, authorized to permit the Cleveland and Toledo Railroad Company and the Cleveland and Pittsburgh Railroad Company jointly, or either of said companies for their joint use or separate use, to erect a swing bridge over and upon the government piers, for the passage of cars across the Cuyahoga river at the city of Cleveland in the State of Ohio, upon such plan as shall

hereafter be approved by the city council of said city of Cleveland and by the board of trade of the same city, subject, however, to such conditions, restrictions, and limitations as said Secretary of War may see fit to impose at any period of time, whether prior or subsequent to the erection of said bridge: *Provided*, [That] this resolution and all acts done under it shall be subject to the future action of Congress.

Approved, July 3, 1866.

[No. 75.] Joint Resolution in Reference to the Dismal Swamp Canal Company.

July 25, 1866. Vol. 14, p. 365.

Preamble.

WHEREAS the United States are interested in the Dismal Swamp Canal, connecting the inland waters of the Chesapeake with the sounds of North Carolina, by holding eight hundred shares of the stock of the Dismal Swamp Canal Company; and whereas the canal should be kept open as a navigable highway without further outlay on the part of the United States: Therefore,

The stock of the United States in the Dismal Swamp Canal to be sold, and how.

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury be, and hereby is, authorized to sell said stock at auction, or otherwise, in such manner as will best protect the interest of the United States in said canal, and will insure that the same will be kept open as such navigable highway, without further expense to the government: *Provided*, That the instruments and papers effecting such sale, in the manner aforesaid, shall be approved by the Attorney-General before the delivery thereof.

Proviso.

Approved, July 25, 1866.

CHAP. 296.—An Act making Appropriations for sundry Civil Expenses of the Government for the Year ending June thirtieth, eighteen hundred and sixty-seven, and for other Purposes.

July 28, 1866. Vol. 14, p. 310.

Appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the objects hereafter expressed, for the fiscal year ending the thirtieth June, eighteen hundred and sixty-seven, viz:

* * * * *

Survey of Isthmus of Darien for ship-canal.

To provide for a survey of the Isthmus of Darien, under the direction of the War Department, with the view to the construction of a ship-canal in accordance with the report of the superintendent of the naval observatory to the Navy Department, forty thousand dollars.

* * * * *

Preservation of harbor of Provincetown, Mass.

SEC. 19. *And be it further enacted*, That the sum of eight thousand dollars is hereby appropriated, out of any money in the treasury not otherwise appropriated for the preservation of the harbor of Provincetown, Massachusetts, the same to be expended under the supervision of a commission or board of officers to be appointed by the Secretary of War.

Approved, July 28, 1866.

Jan. 29, 1867.
Vol. 14, p. 564.

[No. 8.] A Resolution to provide for the Removal of the Wreck of th Steamship Scotland.

[Repealed, act March 16, 1867, ch. 3.]

Secretary of War may contract with lowest bidder for the removal of the wreck of the steamship Scotland from the entrance to New York Harbor.

Appropriation.

Advertisement.

Contract not to exceed the appropriation.

Resolved by the Senate and House of Representatives of th United States of America in Congress assembled, That the Se retary of War be, and he is hereby, authorized and directe to cause the removal of the wreck of the iron steamshi Scotland, now on the bar outside of Sandy Hook, near th entrance to the harbor of New York, and the sum of on hundred thousand dollars, or so much thereof as may be ne essary to complete said removal, is hereby appropriate to be paid out of any money in the treasury not otherwi appropriated. The Secretary of War shall, after noti given in one or more newspapers in the cities of Philade phia, New York, and Boston, receive sealed proposals f the removal of said wreck, and make contract for the sam with the lowest bidder therefor. Said contract will in n case exceed in amount the sum herein appropriated.

Approved, January 29, 1867.

March 2, 1867.
Vol. 14, p. 418.

CHAP. 144.—An Act making Appropriations for the Repair, Prese vation, and Completion of certain Public Works heretofore commenc under the Authority of Law, and for other Purposes.

Public works appropriation.

Examinations and surveys.

On Atlantic coast.

On Pacific coast.

Northwestern lakes.

Western, &c., rivers.

Re-examinations, &c., to be made and plans may be changed.

Other harbors to be examined to determine the improvements required and their cost.

Be it enacted by the Senate and House of Representatives the United States of America in Congress assembled, That th following sums of money be, and the same are hereby, a propriated, to be paid out of any money in the treasu not otherwise appropriated, to be expended under the d rection and superintendence of the Secretary of War, f the repair, preservation, and completion of the followin works heretofore commenced under the authority of lav and for the other purposes hereinafter named, that is t say:—

For examination and survey of works of improvement f which appropriations have been heretofore made, and co cerning which no sufficient information is now in posse sion of the department, and for examination and surve at other points in the fourth and fifth sections of this a specified, that is to say:

On the Atlantic coast, thirty thousand dollars;

On the Pacific coast, twenty-five thousand dollars;

On the northwestern lakes, seventy-five thousand dollar

On the western and northwestern rivers, one hundre and twenty-five thousand dollars.

And the Secretary of War, when the public interests r quire it, shall cause examinations or re-examinations to b made, with suitable surveys, of the works aforesaid and a other works provided for by this act, and shall make suc changes or modifications of the plans heretofore adopte for their improvement as shall be necessary and prope And he shall cause such needful examination of other ha bors and places in the fourth and fifth sections of this a specified, upon the sea and lake coasts and on western river to be made as will enable him to determine what improve ments thereof are required to render them safe and conve

ient for the navigation of the naval and commercial vessels of the United States, and the costs of such improvements; and he shall make full report thereof, and of the plans deemed advisable therefor, to Congress on the first Monday of December next, for such action as may be judged expedient and right. And if, upon such examination and survey of works first herein named, being works now existing or in process of completion, and concerning which no information is now in the possession of the department, there shall remain an unexpended balance of appropriation, properly applicable thereto, from the sums herein appropriated, which may, in the judgment of the Secretary of War, be judiciously applied towards the economical and needful continuation or completion of such works, the Secretary of War shall direct such balance to be applied and used accordingly; but no moneys shall be used for such purposes, excepting from the balances remaining from appropriations herein made for the specific examination and survey of such works.

Report to Congress.

Balance of existing appropriations may be applied to continue, &c., such works when, &c.

For extending the pier at Erie harbor, Pennsylvania, and dredging channel through to outer bar, twenty-five thousand dollars.

Erie Harbor.

For improvement at mouth of Conneaut river, Ohio, ten thousand dollars.

Conneaut River.

For improvement at Ashtabula harbor, Ohio, fifty-four thousand dollars.

Ashtabula.

For improvement of works at Grand River harbor, Ohio, sixty thousand dollars.

Grand River.

For improvement of Sandusky river, from Fremont to Lake Erie, in Ohio, twenty thousand dollars.

Sandusky River.

For improvement of Maumee bay, Ohio, twenty thousand dollars.

Maumee Bay.

For improvement of St. Clair flats, in Michigan, one hundred and fifty thousand dollars, to be expended in accordance with the plans and specifications of Colonel T. J. Cram, in his report of December tenth, eighteen hundred and sixty-six.

Saint Clair Flats.

For improvement at mouth of Saginaw river, Michigan, twenty-eight thousand dollars.

Saginaw River.

For improvement of St. Mary's river, Michigan, fifty thousand dollars.

Saint Mary's River.

For improving mouth of Au Sable river, Lake Huron, fifty thousand dollars.

Au Sable River.

For improving Marquette harbor, Lake Superior, eighty-five thousand dollars.

Marquette Harbor.

For improving Eagle harbor, Lake Superior, sixty-five thousand dollars.

Eagle Harbor.

For improving harbor at Superior City, Wisconsin, sixty-three thousand dollars.

Superior City.

For improving harbor of Aux Becs Scies, Michigan, ten thousand dollars.

Aux Becs Scies.

For improvement of Grand River harbor, Michigan, forty thousand dollars.

Grand River.

For improvement of Black Lake harbor, Michigan, fifty-one thousand dollars.

Black Lake.

Saint Joseph. For improving harbor of St. Joseph, Michigan, twenty three thousand dollars.

Racine. For improving harbor at Racine, Wisconsin, forty-fiv thousand dollars.

Sheboygan. For improving harbor of Sheboygan, Wisconsin, eigh thousand dollars.

Manitowoc. For improving harbor of Manitowoc, Wisconsin, forty-fiv thousand dollars.

Green Bay. For improving harbor of Green Bay, Wisconsin, forty-fiv thousand dollars.

Manistee. For improving harbor of Manistee, Michigan, sixty tho sand dollars.

White River. For improvement of White River harbor, Michigan, fift seven thousand dollars.

Muskegon. For improvement of Muskegon harbor, Lake Michiga fifty-nine thousand dollars.

South Haven. For improving harbor of South Haven, Michigan, fort three thousand dollars.

New Buffalo. For improving harbor of New Buffalo, Michigan, six thousand dollars.

Dunkirk. For improving harbor of Dunkirk, New York, one hu dred thousand dollars.

Buffalo. For improving harbor of Buffalo, New York, one hundr thousand dollars.

Olcott. For improving harbor at Olcott, New York, at mouth Eighteen-mile creek, sixty thousand dollars.

Oak Orchard. For improvement at harbor of Oak Orchard, New Yor eigthy-seven thousand dollars.

Big Sodus Bay. For improving harbor of Big Sodus bay, New York, eigh thousand dollars.

Little Sodus Bay. For improving harbor of Little Sodus bay, New Yor fifty thousand dollars.

Oswego. For improving harbor at Oswego, New York, sixty tho sand dollars.

Plattsburgh. For improving harbor of Plattsburg, New York, twent six thousand dollars.

Kennebec River. For completing the improvement of the navigation of t Kennebec river, Maine, between Shepard's Point and A gusta, thirty thousand dollars.

Ogdensburgh. For improving harbor of Ogdensburg, New York, for thousand dollars.

Burlington. For improving the harbor at Burlington, Vermont, eigh thousand dollars.

Thames River. For improvement of Thames river, Connecticut, thirt six thousand dollars.

Saint Croix River. For the purpose of improving the navigation of the S Croix river, Maine, above the ledge, fifteen thousand d

Province of New Brunswick to pay like sum, &c. lars: *Provided*, The province of New Brunswick shall co tribute and pay to the proper disbursing officer a like su for said purpose, said payment being made on conditi that in no event shall the province of New Brunswick called upon for more than half the sum actually expend for said purpose.

Hudson River. For improvement of Hudson river, New York, from Tr to Baltimore, three hundred and five thousand one hundr and eighty-eight dollars.

For improving harbor of Marcus Hook, Pennsylvania, ninety-four thousand dollars. Marcus Hook.

For improvement of Chester harbor, Pennsylvania, eleven thousand dollars. Chester Harbor.

For improvement of Delaware breakwater, Delaware bay, one hundred and nine thousand four hundred and ninety-three dollars and seventy cents. Delaware breakwater.

For improvement of Patapsco river, Maryland, seventy-five thousand dollars. Patapsco River.

For improvement of mouth of Mississippi river, two hundred thousand dollars. Mouth of Mississippi River. Res. No. 21, Mar. 29, 1867.

For improvements of Ohio river, one hundred thousand dollars. Ohio River.

For improvement of Saco river, Maine, forty thousand dollars. Saco River.

For preservation and improvement of Boston Harbor, Massachusetts, three hundred and seventy-five thousand dollars. Boston Harbor.

For improving navigation on the Mississippi river at Des Moines or Lower rapids, according to such plan as the Secretary of War shall on the report of a board of engineers approve, five hundred thousand dollars: *Provided, however,* That any canal that may be constructed around said Des Moines or Lower rapids of the Mississippi river shall be and forever remain free to the navigation and commerce of said river; and no tolls shall ever be collected thereon. Improving navigation of the Mississippi River at Des Moines. Canal to be free of tolls.

For improving navigation of Mississippi river at Rock Island rapids, two hundred thousand dollars. Rock Island Rapids.

For improving harbor of Ontonagon, Michigan, ninety-seven thousand six hundred dollars. Ontonagon Harbor.

For building and operating two dredges and snag-boats, to be used on the Mississippi river between Fort Snelling and Rock Island rapids, ninety-six thousand dollars. Dredges and snag-boats on the Mississippi River;

For building and operating one dredge or snag-boat on the Wisconsin river, forty thousand dollars. the Wisconsin River.

For improving harbor of Pentwater, Lake Michigan, fifty-five thousand dollars. Harbor of Pentwater.

For improving harbor of Pere Marquette, Lake Michigan, fifty thousand dollars. Pere Marquette.

To improve the navigation of the Willamette river, Oregon, below the city of Portland, thirty thousand dollars. Willamette River.

For removing snags and boulders throughout the Minnesota river, thirty-seven thousand five hundred dollars. Snags, &c., in the Minnesota River.

For improvement of Providence river, Rhode Island, off Pawtuxet bar, and at the Crook, twenty-five thousand dollars. Providence River.

For improvement of the Pawtucket river, Rhode Island, seventeen thousand dollars. Pawtucket River.

SEC. 2. *And be it further enacted,* That the appropriation of seventy-five thousand dollars for constructing works, and improving the entrance into the harbor of Michigan City, Indiana, made in and by the act approved June twenty-third, eighteen hundred and sixty-six, shall be expended for the purposes aforesaid, upon the terms and in the manner hereinafter provided for other appropriations under this Former appropriation for harbor at Michigan City, how to be expended. 1866, ch. 138.

Double the amount must have been expended by the Michigan City Harbor Company.

Vessels not to be subject to toll.

Appropriations to be so applied as to complete the works;

for other purposes than for examinations, &c., by contract;

how to be expended when the work cannot be the subject of contract.

Contracts not to be made until, &c.

Secretary of War to report results of surveys to Congress with plans, &c.

Report to state what;

to be continued until works are completed.

Separate proposals and contracts for each work and each class of works, &c.

Disbursing-officers, except, &c., to give bonds.

United States officers not to receive commissions for disbursements.

Appropriations to be at the disposal of the Secretary of War.

act: *Provided*, That it shall be first shown to the satisfaction of the Secretary of War that the sum of one hundred thousand dollars has been expended by the Michigan City Harbor Company in the construction of a safe and convenient harbor at that place: *And provided*, That the passage of vessels to and from said harbor shall be free, and not subject to toll or charge, and the money appropriated by this act shall be so applied as to complete or make the nearest approximation to completing the work for which each specific appropriation is made; and it shall be the duty of the Secretary of War to apply the sums herein appropriated for other purposes than for examinations and surveys by contract: *Provided, however*, That when, from the nature of the work to be done, the same cannot, in the judgment of the Secretary, be made the subject of contract, the necessary expenditure may be otherwise ordered: *Provided*, That no contract shall be made except after public advertisement for proposals, in such form and manner as to secure general notice thereof, and the same shall only be made with the lowest responsible bidder therefor, upon security deemed sufficient in the judgment of the Secretary. And it shall be the duty of the said Secretary, at the earliest practicable time, to report to Congress the result of any survey or resurvey, with the plan adopted and the items of expenditure under said plan; and he shall make report of all action taken under the provisions of this act, and he shall accompany said report with a statement of the amount and date of all former appropriations for each work, and a full estimate for its entire and permanent completion, with the amount that can be profitably expended in the next fiscal year; and he shall also state in what collection district each work is located, and at or near what port of entry, lighthouse, or port, what amount of revenue was collected at the nearest port of entry for the last fiscal year, and, as far as practicable, what amount of commerce and navigation would be benefited by the completion of each particular work: *Provided*, That he shall continue to make such a report the first Monday of December, annually, until the works herein provided for shall be completed.

SEC. 3. *And be it further enacted*, That whenever the Secretary of War shall invite proposals for any works, or for any material or labor for any works, there shall be separate proposals and separate contracts for each work, and also for each class of material or labor for each work, and he shall report to Congress, on the first Monday of December next all the bids with the names of the bidders. All persons not holding commissions in the regular army of the United States, who shall be intrusted with the disbursement of the funds appropriated for the works named in this act, shall be required to give bond and ample security for the faithful application of the same, and no such disbursing officer in the army of the United States shall receive any commission or compensation for making such disbursements. And the moneys hereinbefore appropriated shall remain and be at the disposal of the Secretary of War, and subject to his control for the purposes named in this act, until the severa

works and improvements herein provided for are completed, any law or regulation to the contrary notwithstanding.

Examinations or surveys, or both, to be made at various points, and the purpose of the examinations;

SEC. 4. *And be it further enacted*, That the Secretary of War is hereby directed to cause examinations or surveys, or both, as aforesaid, to be made at the following points, namely:

At the harbor of San Francisco, California, with a view to the removal of "Blossom Rock," if the same should be found necessary and essential to commerce;

At Crescent city harbor, California;

At Duxbury beach, Massachusetts;

At mouth of Menomonee river, Green Bay;

At Saugatuck harbor, mouth of Kal[a]mazoo river, in Michigan;

At Port Clinton, in Ohio;

At Pultneyville, Lake Ontario, New York;

And of the Tennessee river, from Chattanooga to its mouth;

At Reedy Island and Liston (tree) Point, in the Delaware river and bay;

At Richmond's Island, Cape Elizabeth, the Union river and the Gut opposite the city of Bath, Maine;

The Connecticut river, between Hartford and its mouth;

At Block Island, in the State of Rhode Island, the reefs in Lake Michigan, near the harbor of Racine, in Wisconsin, with a view to a lighthouse and breakwater thereon;

And the Potomac river, in the District of Columbia.

to be continued at certain other points.

SEC. 5. *And be it further enacted*, That the Secretary of War is hereby directed to cause a continuance of examinations or surveys, or both, at the following points, namely:

Of the Mississippi river, above the falls of Saint Anthony and between the Falls of Saint Anthony and Rock Island rapids;

Of the Wisconsin river,

And to continue the survey of the Illinois river, in accordance with the recommendation of General J. H. Wilson, in his report of January twelve, eighteen hundred and sixty-seven.

And he is also directed to cause plans and estimates to be made of the most practicable and effective mode of improving the harbor at Galveston, Texas, and of erecting suitable breakwater at that point.

Approved, March 2, 1867.

Mar. 2, 1867.
Vol. 14, p. 468.

CHAP. 168.—An Act making Appropriations and to supply Deficiencies in the Appropriations for the Service of the Government for the fiscal Year ending June thirtieth, eighteen hundred and sixty-seven, and for other Purposes.

Deficiency appropriations for the year ending June 30, 1867.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums, or so much thereof as may be necessary, be, and the same are hereby, appropriated for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and sixty-seven, namely:—

* * * * *

Westport Harbor.

Miscellaneous.—For deepening and improving Westport harbor, Connecticut, twenty-five hundred dollars.

Thames River.

For dredging and maintaining the channel of the river Thames near Norwich, in the State of Connecticut, to complete the work, thirty-six thousand dollars.

* * * * *

Approved, March 2, 1867.

Mar. 12, 1867.
Vol. 15, p. 20.

[No. 2.] A Resolution extending the Time for the Completion of the Improvement of the Fox and Wisconsin Rivers.

Time for completion of the improvement of the Fox and Wisconsin Rivers extended.
1846, ch. 170, § 3, vol. 9, p. 83.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the time provided for the completion of the improvement of the Fox and Wisconsin rivers, and a canal connecting the same, by section three of an act of Congress, approved August eighth, eighteen hundred and forty-six, entitled, "An act to grant a certain quantity of land to aid in the improvement of the Fox and Wisconsin rivers, and to connect the same by a canal in the Territory of Wisconsin," be, and the same hereby is, extended for the term of five years from and after the approval of this resolution, with all the rights and privileges conferred by said act.

Approved, March 12, 1867.

Mar. 16, 1867.
Vol. 15, p. 1.

CHAP. 3.—An Act to repeal a Joint Resolution entitled "A Resolution to provide for the Removal of the Wreck of the Steamship Scotland," approved January twenty-ninth, eighteen hundred and sixty-seven.

Resolution for the removal of the wreck of the steamship Scotland from the entrance to New York Harbor repealed.
1867, Res. No. 8. Res. No. 16, March 2, 1868.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the joint resolution entitled "A resolution to provide for the removal of the wreck of the steamship Scotland," approved January twenty-ninth, eighteen hundred and sixty-seven, be, and the same is hereby, repealed.

Approved, March 16, 1867.

Mar. 22, 1867.
Vol. 15, p. 21.

[No. 9.] A Resolution providing for the necessary Surveys for a Ship Canal between Lake Erie and Lake Ontario, for military, naval, and commercial Purposes.

Surveys, plans, and estimates to be made for a ship-canal to connect Lakes Erie and Ontario.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, authorized and directed to cause surveys, with plans and estimates of cost to be made by an officer of engineers for a ship canal to connect lakes Erie and Ontario, or the navigable waters thereof, of suitable location and dimensions for military, naval, and commercial purposes, and that the expenses of the same be defrayed from the sums appropriated in the acts of June twenty-three, eighteen hundred and sixty-six and March two, eighteen hundred and sixty-seven, for examinations and surveys relating to the improvement of harbors and rivers on the northwestern lakes.

1866, ch. 138.
1867, ch. 144.

Approved, March 22, 1867.

[No. 20.] Joint Resolution providing for the necessary Surveys for a Ship Canal around the Falls of the Ohio River, for military, naval, and commercial Purposes.

Mar. 29, 1867.
Vol. 15, p. 25.

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, authorized and directed to cause surveys, with plans and estimates of cost, to be made by an officer of engineers, for a ship canal around the falls of the Ohio river on the Indiana side thereof, of suitable location and dimensions for military, naval, and commercial purposes; and also to cause said officer to estimate the expense of completing the Louisville and Portland canal, on the Kentucky side of said falls, according to the plan on which the said canal company is now progressing with said work, and that the expenses of both be defrayed from the sums appropriated in the acts of June twenty-three, eighteen hundred and sixty-six, and March two, eighteen hundred and sixty-seven, for examination and surveys relating to the improvement of harbors and rivers on the northwestern lakes.

Surveys, plans, and estimates to be made for a ship-canal around the Falls of the Ohio River.

Expense of completing the Louisville and Portland Canal to be estimated.

1866, ch. 138.
1867, ch. 144.

Approved, March 29, 1867.

[No. 21.] Joint Resolution to authorize the Secretary of War to build Dredge Boats for Use at the Mouth of the Mississippi River.

Mar. 29, 1867.
Vol. 15, p. 25.

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and is hereby, authorized, on the recommendation of the engineer department, to build and operate two dredge boats for the purpose of deepening and keeping open the channel of one or more of the passes at the mouth of the Mississippi, and to expend for that purpose so much as may be necessary of the appropriation for the improvement of the mouth of the Mississippi river, provided for in the "Act making appropriations for the repair, preservation, and completion of certain public works heretofore commenced under the authority of law, and for other purposes," approved March second, eighteen hundred and sixty-seven.

Secretary of War to build and operate two dredge-boats, to keep open the channel of one or more of the passes at the mouth of the Mississippi.

1867, ch. 144.

Approved, March 29, 1867.

[No. 27.] A Resolution in Relation to the Execution of Surveys of Rivers ordered by Congress.

Mar. 29, 1867.
Vol. 15, p. 28.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the chief of engineers may, with the approval of the Secretary of War, employ such civil engineers, not exceeding five in number, for the purpose of executing the surveys and improvements of western and northwestern rivers, ordered by Congress, as may be necessary to the proper and diligent prosecution of the same, and the persons so employed may be allowed a reasonable compensation for their services, not to exceed the sum of three thousand dollars per annum.

Chief of Engineers may employ not exceeding five civil engineers to make the surveys, &c., of western and northwestern rivers.

Compensation.

Approved, March 29, 1867.

Jan. 11, 1868.
Vol. 15, p. 246.

[No. 4.] Joint Resolution in Relation to the Sale of Stock in the Di mal Swamp Canal Company.

Sale of stock owned by the United States in Dismal Swamp Canal Company adjourned.

Be it resolved by the Senate and House of Representatives o the United States of America in Congress assembled, That th Secretary of the Treasury be directed to adjourn the sal of eight hundred shares of the stock owned by the Unite States in the Dismal Swamp Canal Company from the se ond day of January, eighteen hundred and sixty-eight, (t which day said sale now stands adjourned,) until Satu day, the eighth day of February, eighteen hundred an sixty-eight, at eleven o'clock, A. M.

Approved, January 11, 1868.

March 2, 1868.
Vol. 15, p. 249.

[No. 16.] A Resolution authorizing the Lighthouse Board to plac Warnings over Obstructions at the Entrance of Harbors, or in th Fairway of Bays and Sounds, and for other Purposes.

Resolved by the Senate and House of Representatives of th United States of America in Congress assembled,

* * * * *

Commission to examine wreck of steamer Scotland.

1867, ch. 3.
Act July 25, 1868, ch. 233.

SEC. 2. *And be it further resolved,* That the Secretary o War is hereby directed to appoint a board of competen engineers, to consist of not less than three persons, to ex amine the condition of the wreck of the steamer Scotlan now in the waters of the harbor of the city of New York and ascertain whether the same is dangerous to navigatio and to report thereon at as early a day as practicable, wit a particular estimate of the cost of the removal of sai wreck.

Approved, March 2, 1868.

June 5, 1868.
Vol. 15, p. 252.

[No. 31.] Joint Resolution in Relation to the Breakwater at Portlan Maine.

Appropriation for breakwater at Portland, Me., may be expended how.

Be it resolved by the Senate and House of Representatives o the United States of America in Congress assembled, That s much of the unexpended balance of the appropriation fo the breakwater in Portland harbor, Maine, as the chief en gineer shall deem proper, may be expended under his dire tion in excavating the "middle ground" near said break water, and in otherwise protecting the channel from injur by filling and improving the same.

Approved, June 5, 1868.

July 20, 1868.
Vol. 15, p. 124.

CHAP. 184.—An Act to aid the Improvement of the Des Moines an Rock Island Rapids, in the Mississippi River.

Right of way, materials, &c., may be taken in making improvements at Des Moines or Rock Island Rapids.

Be it enacted by the Senate and House of Representatives o the United States of America in Congress assembled, Tha whenever in the prosecution of the improvements of th Mississippi River, at either the Des Moines or Rock Islan rapids therein, it becomes necessary or proper to take po session of the right of way over any lands, or to use an earth, quarries, or other material lying adjacent or near t either of said works, and needful for its prosecution, th

officer in charge of said work, or his assistant, may, in the name of the United States, take possession of and use the same, after having first paid, or secured to be paid, the value thereof, which may have been ascertained in the mode provided by the laws of the State wherein such property or material lie[s], for adjudging the value of private property which may be needed for any public improvement: *Provided, however*, That when the owner of such property or material shall fix a price for the same, which, in the opinion of the said officer in charge, shall be reasonable, he may take the same at such price without further delay.

Value to be first paid or secured.

Proviso.

SEC. 2. *And be it further enacted*, That a portion of the appropriations made or to be made for the prosecution of the improvements aforesaid, not exceeding fifty thousand dollars in amount, may be applied in payment of the property or material taken and used as aforesaid.

Part of appropriation may be applied, &c.

Approved, July 20 1868.

CHAP. 228.—An Act making a Grant of Land to the State of Minnesota, to aid in the Improvement of the Navigation of the Mississippi River.

July 23, 1868.
Vol. 15, p. 169.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and hereby is, granted to the State of Minnesota, for the purpose of aiding said State in constructing and completing a lock and dam at Meeker's island, (so called,) in the Mississippi River, in said State, and thereby facilitating the navigation of the Mississippi River between the falls of St. Anthony and the mouth of the Minnesota River, two hundred thousand acres of public lands, to be selected in alternate odd-numbered sections by an agent to be appointed by the governor of said State, subject to the approval of the Secretary of the Interior: *Provided*, That said lands shall be selected from the public lands lying within the limits of the said State of Minnesota, and that not more than one section thereof shall be selected in any one township: *Provided further*, That said selections shall not be made from any lands containing mines of gold, silver, cinabar, or copper, nor from any lands to which rights of pre-emption or homestead have attached.

Land-grant to Minnesota to build a lock and dam to aid the navigation of the Mississippi River.

1873, ch. 233.

Lands: how to be selected.

Not to be from certain lands.

SEC. 2. *And be it further enacted*, That said lands so granted shall be subject to the disposal of the legislature of said State for the purposes mentioned in the first section of this act, and no other; and the said lock and dam shall be and remain forever a public highway, free from any toll or charge of any kind whatever; and the said legislature shall have power to pass all needful rules and regulations that may be necessary to fully carry out the purposes of this act.

How to be disposed of.

Lock and dam to be public highway.

SEC. 3. *And be it further enacted*, That the work shall be done under the direction of the engineer department of the United States, according to the plan and estimate submitted by Major-General Warren, and that if said lock and dam are not constructed within two years from and after the date of the acceptance and disposition of this grant by the legis-

Work, how to be performed.

Lands to revert to the United States if, &c.

lature of the said State, the lands hereby granted shall revert to the United States.

Lands, when to be open to actual settlers, and on what terms.

SEC. 4. *And be it further enacted*, That at any time after the selection of the said lands, and subsequent to the completion of said lock and dam, the lands hereby granted shall be open for settlement by actual settlers upon paying to the State of Minnesota a price not exceeding one dollar and twenty-five cents per acre for the same, which shall be paid by the State to the company who may construct said lock and dam.

If sufficient appropriation is made to complete the dam, lands to revert.

Proviso.

SEC. 5. *And be it further enacted*, That if at any time prior to the completion of the said lock and dam the government of the United States shall make an appropriation in money sufficient to construct said lock and dam, then the grant of lands herein made shall revert to the United States: *Provided*, That this act shall have no effect on lands already granted for railroad purposes.

Approved, July 23, 1868.

July 25, 1868.
Vol. 15, p. 171.

CHAP. 233.—An Act making Appropriations and to supply Deficiencies in the Appropriations for the Service of the Government for the fiscal Year ending June thirtieth, eighteen hundred and sixty-eight, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums, or so much thereof as may be necessary, be, and the same are hereby, appropriated for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and sixty-eight, viz.—

* * * * *

War Department.— * * *

Repair, &c., public works on rivers and harbors.

For the repair, preservation, extension, and completion of certain public works on rivers and harbors, to be expended under the direction of the Secretary of War, one million five hundred thousand dollars: *Provided*, That said expenditures shall not be applied to any works not mentioned in the bill "making appropriations for repairs, preservation, and completion of certain public works, and for other purposes," which passed the House of Representatives June thirtieth, eighteen hundred and sixty-eight.

Proviso.

Removal of iron steamship Scotland, in New York Harbor.
Res. No. March 2, 1868.

One hundred thousand dollars, or so much thereof as may be necessary, to be expended under the direction of the Secretary of War in the removal of the wreck of the iron steamship "Scotland," now on the bar outside of Sandy Hook, near the entrance to the harbor of New York: *Provided*, That the Secretary of War shall, after notice given in one or more newspapers in the cities of Philadelphia, New York, and Boston, receive sealed proposals for the removal of said wreck, and make contract for the same with the lowest bidder therefor. Said contract will in no case exceed in amount the sum herein appropriated.

Proposals to be advertised for.

Removal of sunken rock in channel of New York Harbor.

For the removal of a sunken rock in the channel of the harbor at the port of New York, fifteen hundred and thirty dollars.

* * * * *

Approved, July 25, 1868.

40TH CONGRESS 2d Session.

H. R. 1046.

IN THE SENATE OF THE UNITED STATES.

JULY 1, 1868.

Read twice and referred to the Committee on Commerce.

AN ACT

Making appropriations for the repair, preservation, and completion of certain public works, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended under the direction and superintendence of the Secretary of War, for the repair, preservation, and completion of the following works heretofore commenced under the authority of law, and for the other purposes hereinafter named—that is to say:

For improvement of Superior City harbor, in the State of Wisconsin, thirty thousand dollars.

For improvement of Wisconsin river, forty thousand dollars.

For improvement of Ontonagon harbor, Lake Superior, twenty thousand dollars.

For improvement of Eagle harbor, Lake Superior, twenty thousand dollars.

For improvement of Marquette harbor, Lake Superior, twenty thousand dollars.

For improvement of Green Bay harbor, Wisconsin, thirty-five thousand dollars.

For improvement of Chippewa river, five thousand dollars.

For improvement of Monitowoc harbor, Wisconsin, thirty-five thousand dollars.

For improvement of Saint Croix river, five thousand dollars.

For improvement of Sheboygan harbor, Wisconsin, twenty thousand dollars.

For improvement of Milwaukee harbor, Wisconsin, twenty-five thousand dollars.

For improvement of Racine harbor, Wisconsin, twenty thousand dollars.

For inprovement of Kenosha harbor, Wisconsin, twenty thousand dollars.

For improvement of harbor of Chicago, Illinois, forty-eight thousand dollars.

For improvement of Michigan City harbor, Indiana, thirty-five thousand dollars.

For improvement of harbor of Saint Joseph, Michigan, twenty thousand dollars.

For improvement of South Haven harbor, Michigan, twenty thousand dollars.

For improvement of Grand Haven harbor, Michigan, twenty thousand dollars.

For improvement of Muskegon harbor, Michigan, ten thousand dollars.

For improvement of White River harbor, Michigan, seventy-five thousand dollars.

For improvement of Pentwater harbor, Michigan, twenty-five thousand dollars.

For improvement of Pere Marquette harbor, Michigan, twenty thousand dollars.

For improvement of Manistee harbor, Michigan, twenty-five thousand dollars.

For improvement of harbor at Aux Becs Scies, Michigan, ten thousand dollars.

For improvement of Saugatuck harbor, Michigan, thirty thousand dollars.

For improvement of the Saint Mary's river, Michigan, twenty thousand dollars.

For improvement of Au Sable river, Lake Huron, Michigan, twenty thousand dollars.

For improvement of Saint Clair Flats, Lake Saint Clair, two hundred thousand dollars.

For improvement of Sandusky river, Ohio, fifteen thousand dollars.

For improvement of Harbor at Cleveland, Ohio, twenty thousand dollars.

For improvement of Conneaut harbor, Ohio, eleven thousand dollars.

For improvement of Erie harbor, Pennsylvania, fifty thousand dollars.

For improvement of harbor at Dunkirk, New York, twenty-five thousand dollars.

For improvement of harbor at Buffalo, New York, fifty thousand dollars.

For improvement of Olcott harbor, New York, twenty thousand dollars.

For improvement of harbor at Charlotte, New York, ten thousand dollars.

For improvement of harbor at Little Sodus, New York, ten thousand dollars.

For improvement of Oswego harbor, New York, sixty thousand dollars.

For improvement of the harbor at Wilson, Niagara county, New York, ten thousand dollars.

For improvement of Plattsburg harbor, New York, ten thousand dollars.

For improvement of harbor at Whitehall, New York, ten thousand dollars.

To improve the Tennessee river from its mouth to Florence, Alabama, fifteen thousand dollars.

To improve the river from Chattanooga, Tennessee, to Decatur, Alabama, ninety thousand dollars.

For improvement of harbor at Burlington, Vermont, forty thousand dollars.

For improvement of the Upper Mississippi river, and removing snags and dredging, sixty thousand dollars.

For construction of dam and lock at Little Falls, Minnesota river, thirty thousand dollars.

For improvement of the Des Moines rapids, nine hundred thousand dollars.

For improvement of the Rock Island rapids, two hundred thousand dollars.

For improvement of the mouth of the Mississippi river, one hundred thousand dollars.

For improvement of the Mississippi, Missouri, and Arkansas rivers, one hundred and eighty-five thousand dollars.

For improvement of the Upper Missouri river, sixty thousand dollars.

For improvement of the Illinois river, from its mouth toward La Salle, one hundred thousand dollars.

For improvement of the Ohio river, two hundred and fifty thousand dollars, of which a sum not exceeding eighteen thousand dollars may be applied under the direction of the Secretary of War, in experimenting upon and testing the value of shifting sluices and their applicability to said improvement.

For improvement of the Patapsco river, below Fort McHenry, thirty thousand dollars.

For improvement of the Susquehanna river, ten thousand dollars.

For improvement of the Hudson river, New York, one hundred thousand dollars.

For removing obstructions in East river, including Hell Gate, three hundred thousand dollars.

For improvement of Westport harbor, Connecticut, ten thousand dollars.

For improvement of Connecticut river, Connecticut, twenty thousand dollars.

For removal of Middle Rock, New Haven, Connecticut, fifteen thousand dollars.

For improvement of Pawtucket harbor, eight thousand dollars.

For improvement of Plymouth harbor, Massachusetts, fifteen thousand dollars.

For construction and preservation of sea-walls at Great Brewster island, ten thousand dollars.

For building walls and improvements at Deer and Lovell's islands, in Boston harbor, ten thousand dollars.

For preservation and improvement of Boston harbor, one hundred thousand dollars.

For improvement of Taunton river, Massachusetts, thirteen thousand dollars.

For completion of the breakwater connecting Richmond island and Cape Elizabeth, Maine, twenty thousand dollars.

For improvement of Saco river, Maine, twenty thousand dollars.

For improvement of Kennebec river, Maine, three thousand dollars.

For improvement of Penobscot river, Maine, thirty thousand dollars.

For improvement of navigation at the "Gut," opposite Bath, Maine, sixteen thousand five hundred dollars.

For improvement of Union river, Maine, twenty thousand dollars.

For construction of breakwater at Block Island, Rhode Island, seventy-four thousand dollars.

For improvement of Willamette river, Oregon, twenty-five thousand dollars.

For removal of Blossom Rock, in the harbor of San Francisco, sixty thousand dollars.

For survey of Northwestern lakes, seventy-five thousand dollars.

For examination and surveys on western and northwestern rivers, one hundred and twenty-five thousand dollars.

For examination and surveys on the Atlantic coast, thirty thousand dollars

For examination and surveys on the Pacific coast, twenty-five thousand dollars.

For purchase and repair of instruments, five thousand dollars.

SEC. 2. *And be it further enacted*, That the Secretary of War shall apply the sums herein appropriated for other purposes than for examination and survey, by contract, in all cases when, in his judgment, the same can be judiciously and economically so applied: *Provided*, That on the recommendation of the general commanding the corps of engineers such sums may be otherwise applied so as best to subserve the interest of the government, having regard to the most economical use of the moneys appropriated, in all cases where the sums required for any specific work shall not exceed fifteen thousand dollars.

And the Secretary of War shall prescribe suitable rules for the issuing of proposals for materials or labor, having regard to the most effective use of moneys appropriated: *Provided*, That separate proposals and contracts shall be required in all cases when the same can be, in the judgment of the Secretary, judiciously and properly made.

SEC. 3. *And be it further enacted*, That the sum of four hundred and fifty thousand dollars is hereby appropriated toward completing the Louisville and Portland canal, in accordance with the plans and estimates made in the report of General Godfrey Weitzel, and that the government of the United States do hereby assume the payment of the bonds issued for the completion of the said canal and branch amounting to the sum of fifteen hundred and sixty-seven thousand dollars: *Provided*, That all title to and right in said canal and its appurtenances be ceded to and vested in the United States, and that the State of Kentucky shall relinquish all claim to the government of the same; said canal on and after its completion to be and remain free from all tolls and tribute, except so much as shall be necessary to operate the same and keep it in repair, and that all moneys in the hands of the treasurer of the canal company when transferred, shall be paid into the treasury of the United States.

SEC 4. *And be it further enacted*, That the Secretary of War is hereby directed to cause examinations or surveys, or both, to be made at the following points, namely:

At the harbor of Black Rock, Connecticut;

At the entrance of Cuttyhunk harbor, Vineyard sound, in view of the erection of breakwater;

At the Ouachita river, in Arkansas;

At Passaic river and at Absecom inlet, in New Jersey;

At the entrance of Roundout harbor, on the Hudson river, New York;

At Christiana river, Delaware;

At the harbor of Chester, Pennsylvania;

At Waukegan, Illinois;

At the Illinois river, from its mouth toward the western terminus of the Illinois and Michigan canal;

At the mouth of Oconto river, Wisconsin;

At the White river, in Arkansas, from its mouth to Batesville, and the Black river from its mouth to Poplar Bluff, on Black river;

At the harbor of Port Washington, in Wisconsin;

At the Osage river, Missouri;

At Reedy Island and Liston's Tree, in Delaware river and bay;

At and above the mouth of Schuylkill river, and at and above the mouth of the Wabash river as far as Lafayette, Indiana, in view of the removal of bars;

At the harbor of Cape Porpoise, Maine;

And a survey of Harpeth shoals, on Cumberland river, with a view to the improvement of said river;

At the mouth of Eel river;

And at the port of San Pedro, or Wilmington, on the coast of California, with reference to the improvement of said harbors;

And at a point near the mouth of the Sacramento river, known as the "Hog's Back," with reference to removing said bar.

And the Secretary of War shall make full report thereof to Congress, with plans and estimates of cost, and with such recommendations in regard thereto as the interests of navigation require.

Passed the House of Representatives June 30, 1868.

Attest:

EDWARD MCPHERSON *Clerk*
By CLINTON LLOYD, *Chief Clerk.*

Statement showing the works of river and harbor improvement to which the appropriation of $1,500,000 *made by the foregoing act* ("*An Act making Appropriations and to supply Deficiencies*," *&c., approved July* 25, 1868) *was distributed, and the amount allotted to each work.*

Arkansas River	$20,000
Aux Becs Scies Harbor, (Frankfort,) Michigan	10,000
Baltimore Harbor, (Patapsco River,) Maryland	17,000

Blossom Rock, San Francisco Harbor, California, removal of	$50,000
Boston Harbor, Massachusetts	43,000
Charlotte or Genesse River Harbor, New York	1,100
Chicago Harbor, Illinois	35,000
Cleveland Harbor, Ohio	17,000
Des Moines Rapids, Mississippi River	300,000
East River, New York, removal of obstructions in.	85,000
Erie Harbor, Pennsylvania	40,000
Falls of the Ohio River	85,000
Green Bay Harbor, Wisconsin	17,500
Hudson River, New York	85,000
Manitowoc Harbor, Wisconsin	17,500
Michigan City Harbor, Indiana	25,000
Mississippi River	40,000
Missouri River	25,000
Mouth of the Mississippi River	50,000
Ohio River	85,000
Oswego Harbor, New York	20,000
Rock Island Rapids, Mississippi River	156,000
Saco River, Maine	20,000
Saginaw River, Michigan	9,000
Saint Clair Flats, Michigan	86,000
Saugatuck Harbor, Michigan	23,900
Susquehanna River, Maryland	5,000
Tennessee River, from its mouth to Florence, and from Chattanooga to Decatur, Alabama	85,000
Upper Mississippi River	26,000
Willamette River, Oregon	21,000

July 27, 1868. Vol. 15, p. 262.

[No. 76.] Joint Resolution in Relation to Surveys and Examination of Rivers and Harbors.

Secretary of War to state to Congress certain facts, with reports of examinations, &c., of rivers, &c.

Be it resolved by the Senate and House of Representatives o the United States of America in Congress assembled, That th Secretary of War shall cause to be prepared and submitte to Congress, in connection with the reports of examination and surveys of rivers and harbors hereafter made by orde of Congress, full statements of all existing facts tending t show to what extent the general commerce of the countr will be promoted by the several works of improvement contemplated by such examinations and surveys, to the en that public moneys shall not be applied excepting wher such improvements shall tend to subserve the general com mercial and navigation interests of the United States.

Approved, July 27, 1868.

July 27, 1868. Vol. 15, p. 263.

[No. 80.] Joint Resolution giving the Assent of the United States t the Construction of certain Wharves in the Harbor of Oswego, Ne York.

Preamble.

WHEREAS the common council of the city of Oswego, i the State of New York, by resolutions unanimously adopte April seventh, eighteen hundred and sixty-eight, and Ma

twelfth, eighteen hundred and sixty-eight, in pursuance of the authority granted them by the legislature of New York in the charter of said city, have given permission to the owners of lots eleven and twelve, also of lots thirteen, fourteen, eighty-one, and eighty-two, and of lots fifteen, sixteen, seventeen, and eighteen, in fortification block number two, in the first ward of said city, to construct wharves in front of said lots, seventy feet in width, and extending northerly so that the north end of said wharves may be on a line with the north line of the Ontario elevator pier, but not less than two hundred and fifty feet distant from the nearest point of the United States pier, which wharves will extend into the navigable waters of said harbor: Therefore,

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the assent of the United States be, and the same is hereby, given, so far as Congress has power to give the same, to the owners of the lots above mentioned, to construct said wharves in accordance with the terms of said resolutions, subject, however, to the approval of the engineer department of the army.

Assent by Congress to owners of lots in Oswego, N. Y., to construct wharves.

Approved, July 27 1868.

CHAP. 19.—An Act making an Appropriation for the Improvement of Rivers and Harbors for the fiscal Year ending June thirtieth, eighteen hundred and sixty-nine, and the Year ending June thirtieth, eighteen hundred and seventy.

April 10, 1869. Vol. 16, p. 44.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of two million dollars is hereby appropriated for the fiscal year ending June thirty, eighteen hundred and sixty-nine, and the year ending June thirty, eighteen hundred and seventy, to be expended for the repair, extension, preservation, and completion of works for the improvement of rivers and harbors under the direction of the Secretary of War: *Provided*, That the Secretary of War is hereby authorized to cause such expenditures to be made so as best to subserve the interests of commerce; and he is required to report to Congress, at the opening of its December session, all expenditures made under the provisions of this act up to that time in detail.

Appropriation for the repair, preservation, &c., of works for rivers and harbors.

How to be expended.

Report to Congress at December session.

Approved, April 10, 1869.

Statement showing the works of river and harbor improvement to which the appropriation of $2,000,000 *made by the foregoing act* (*Act approved April* 10, 1869) *was distributed, and the amount alloted to each work.*

Au Sable Harbor, Michigan.....	$2,970.00
Aux Becs Scies Harbor, (Frankfort,) Michigan	29,318.85
Baltimore Harbor, (Patapsco River,) Maryland	26,730.00
Blossom Rock, San Francisco Harbor, California	29,927.27
Boston Harbor, Massachusetts.....	82,170.00

Buffalo Harbor, New York	$89,100.00
Charlotte or Genesee River Harbor, New York	1,000.00
Chicago Harbor, Illinois	29,700.00
Cleveland Harbor, Ohio	13,380.00
Conneaut Harbor, Ohio	8,910.00
Des Moines Rapids, Mississippi River	178,200.00
Dunkirk Harbor, New York	2,000.00
East River, New York	178,200.00
Erie Harbor, Pennsylvania	22,275.00
Falls of the Ohio River	178,200.00
Grand Haven Harbor, Michigan	1,866.15
Great Brewster Island, Boston Harbor, Massachusetts	24,750.00
Green Bay Harbor, Wisconsin	44,550.00
Hudson River, New York	89,100.00
Illinois River	84,150.00
Kennebec River, Maine	14,850.00
Kenosha Harbor, Wisconsin	5,346.00
Little Sodus Bay, New York	1,500.00
Manitowoc Harbor, Wisconsin	17,820.00
Marquette Harbor, Michigan	26,730.00
Maumee Bay, (Toledo,) Ohio	29,700.00
Michigan City Harbor, Indiana	31,185.00
Milwaukee Harbor, Wisconsin	35,640.00
Mouth of the Mississippi River	85,181.00
Oswego Harbor, New York	22,275.00
Pentwater Harbor, Michigan	17,820.00
Pere Marquette Harbor, (Ludington,) Michigan	31,185.00
Provincetown Harbor, Massachusetts	8,910.00
Racine Harbor, Wisconsin	22,275.00
Rock Island Rapids, Mississippi River	133,650.00
Saco River, Maine	22,275.00
Saint Clair Flats, Michigan	142,560.00
Saint Mary's River, Michigan	10,692.00
Saugatuck Harbor, Michigan	6,039.00
Sheboygan Harbor, Wisconsin	14,850.00
Superior City Harbor, Wisconsin	44,550.00
Susquehanna River, Maryland	990.00
Tennessee River	40,095.00
Upper Mississippi River	35,640.00
White River Harbor, Michigan	44,550.00
Willamette River, Oregon	13,365.00

Apr. 10, 1869.
Vol. 16, p. 55.

[No. 16.] A Resolution extending the Time for the Completion of the Portage Lake and Lake Superior Ship Canal.

Time for completing Portage Lake and Lake Superior ship-canal extended.
1865, ch. 102.
1866, ch. 161.
1871, Res. No. 47.
1872, ch. 66.
1873, ch. 323.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the time for the completion of the Portage Lake and Lake Superior ship canal be, and the same is hereby, extended to the third day of March, eighteen hundred and seventy-one.

Approved, April 10, 1869.

CHAP. 5.—An Act making a temporary Appropriation for the Prosecution of the Work upon the Improvement of the Des Moines Rapids in the Mississippi River.

Dec. 23, 1869.
Vol. 16, p. 61.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and is hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction and superintendence of the Secretary of War, for the purpose of continuing the prosecution of the work upon the improvement of the Des Moines rapids in the Mississippi River, the sum of two hundred thousand dollars.

Appropriation for the improvement of the Des Moines Rapids.

Approved, December 23, 1869.

CHAP. 7.—An Act repealing so much of the Act of August eighth, one thousand eight hundred and forty-six, as declared the Des Moines River, in the then Territory of Iowa, a public Highway.

Jan. 20, 1870.
Vol. 16, p. 61.
1846, ch. 103.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That so much of the Act of August eighth, one thousand eight hundred and forty-six, entitled "An act granting certain lands to the Territory of Iowa to aid in the improvement of the navigation of the Des Moines river, in said Territory," as makes said river a public highway be, and the same is hereby, repealed.

Repeal of act making Des Moines River a public highway.

Approved, January 20, 1870.

CHAP. 54.—An Act declaring the Consent of Congress to the Erection of a Crib in Lake Erie by the City of Cleveland, Ohio, for the Protection of an Inlet for a Water-Works Tunnel about to be constructed by said City.

April 13, 1870.
Vol. 16, p. 83.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of Congress is hereby given to the City of Cleveland, in the county of Cuyahoga and State of Ohio, to erect and maintain in Lake Erie, at such distance from the shore thereof as may be necessary, a crib for the protection of an inlet shaft for an underlake water-works tunnel about to be constructed for the purpose of supplying said city with pure water: *Provided,* That said crib shall be furnished with a beacon-light, which beacon-light shall be kept lighted at all such seasons and hours as the light on the pier at the entrance of Cuyahoga river.

Consent of Congress given to Cleveland to erect a crib in Lake Erie, to protect, &c.

Beacon-light on the crib.

Approved, April 13, 1870.

CHAP. 57.—An Act to authorize the City of Buffalo, New York, to construct a tunnel under Niagara River, and to erect and maintain an Inlet Pier therefrom.

April 20, 1870.
Vol. 16, p. 90.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall and may be lawful for the City of Buffalo, in the State of New York, to construct and maintain a tunnel under

City of Buffalo may construct, &c., a tunnel under Black Rock Harbor and Niagara River, &c.

Black Rock harbor and Niagara river, extending not more than four hundred feet outside of Bird Island pier, and to erect and maintain an inlet pier therefrom, said inlet pier to be located not more than four hundred feet outside of said Bird Island pier.

Approved, April 20, 1870.

May 5, 1870. Vol. 16, p. 375.

[No. 48.] A Resolution to provide for Survey and Estimates of Cost of removing Obstructions from the Bayon Teche, in the State of Louisiana.

Survey and estimates to be made for removing obstructions from Bayou Teche.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, instructed to cause a survey and estimates of cost of removing obstructions from and improving the navigation of the Bayou Teche, in the State of Louisiana: *Provided*, That the expense of said survey and estimate shall not exceed the sum of five hundred dollars. And the same is hereby appropriated out of any money in the treasury not otherwise appropriated.

Proviso.

Appropriation.

Approved, May 5, 1870.

May 6, 1870. Vol. 16, p. 121.

CHAP. 92.—An Act in Relation to the Iowa River in the State of Iowa.

Portion of the Iowa River in Iowa declared not navigable.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That so much of the Iowa river, in the State of Iowa, as lies north of the town of Wapello, be, and the same is hereby, declared not a navigable river or public highway.

Approved, May 6, 1870.

July 7, 1870. Vol. 16, p. 189.

1872, ch. 416.

CHAP. 210.—An Act for the Improvement of Water Communication between the Mississippi River and Lake Michigan, by the Wisconsin and Fox Rivers.

Secretary of War may adopt plan for improvement of navigation of Wisconsin River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War is hereby authorized to adopt for the improvement of the navigation of the Wisconsin river such plan as may be recommended by the chief of the Bureau of Engineers.

To ascertain within, &c., amount which should equitably be paid to the Green Bay and Mississippi Canal Company for transfer of its property. 1872, ch. 416.

SEC. 2. *And be it further enacted*, That the Secretary aforesaid is hereby authorized to ascertain at any time he shall deem proper within three years from the passage of this act, the sum which ought in justice to be paid to the Green Bay and Mississippi Canal Company, a corporation existing under the laws of Wisconsin, as an equivalent for the transfer of all and singular its property and rights of property in and to the line of water communication between the Wisconsin river aforesaid and the mouth of the Fox river, including its locks, dams, canals, and franchises, or so much of the same as shall, in the judgment of said Secretary, be needed; and to that end is authorized to join with said company in

appointing a board of disinterested and impartial arbitrators, one of whom shall be selected by the Secretary aforesaid, another by said company, and the third by the two arbitrators so selected. The Secretary aforesaid is authorized to employ a competent agent or attorney to represent the interest of the United States upon the hearing before such board: *Provided*, That in making their award the said arbitrators shall take into consideration the amount of money realized from the sale of lands heretofore granted by Congress to the State of Wisconsin to aid in the construction of said water communication, which amount shall be deducted from the actual value thereof as found by said arbitrators.

Arbitrators.

Attorney for the United States.

Proviso.

Amount to be deducted from award.

SEC. 3. *And be it further enacted*, That no money shall be expended on the improvement of the Fox or Wisconsin river until the Green Bay and Mississippi Canal Company shall make and file with the Secretary of War an agreement in writing, whereby it shall agree to grant and convey to the United States the property and franchises mentioned in the foregoing section, upon the terms awarded by the arbitrators. It is hereby made the duty of the Secretary of War to transmit to Congress a copy of the report of the arbitrators, upon which Congress may, at its then present session, elect to take such property upon making an appropriation to pay the amount awarded: *Provided*, That if the Secretary of War shall not transmit to Congress a copy of the report of the arbitrators at least sixty days before the close of its session, Congress may at its next session make such election and appropriation.

No expenditure to be made for the improvement of the Fox and Wisconsin Rivers until, &c.

Report of arbitrators to be submitted to Congress.

Proviso.

SEC. 4. *And be it further enacted*, That all tolls and revenues derived from the improvements made or acquired under the provisions of this act, after providing for the current expenses of operating and keeping the same in repair, shall be paid into the treasury of the United States, and whenever the United States shall be reimbursed for all sums advanced for the same, with interest thereon, then the tolls aforesaid shall be reduced to the least sum which, together with other revenues properly applicable thereto, if any, shall be sufficient to operate and keep the improvements in repair.

Tolls and revenues to be paid into the United States Treasury.

To be reduced when, &c.

SEC. 5. *And be it further enacted*, That the Secretary of War shall annually report to Congress the progress made in the completion of said improvements, the amount expended thereon, the amount, if any, required for the succeeding fiscal year, and the amount of revenue derived therefrom.

Secretary of War to report to Congress annually the progress in the improvements, &c.

Approved, July 7, 1870.

CHAP. 240.—An Act making Appropriations for the Repair, Preservation, and Completion of certain public Works on Rivers and Harbors, and for other Purposes, for the fiscal Year ending June thirtieth, ighteen hundred and seventy-one.

July 11, 1870.
Vol. 16, p. 223.
1871, ch. 118, § 4.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the treasury not otherwise

Appropriations for public works on rivers and harbors.

appropriated, to be expended under the direction and superintendence of the Secretary of War, according to such plans as shall be by him first selected and approved, for the repair, preservation, and completion of the following public works heretofore commenced under the authority of law, and for other purposes hereinafter named, that is to say:—

Superior City. For improvement of Superior City harbor, Wisconsin, forty thousand dollars.

Ontonagon. For improvement of Ontonagon harbor, Lake Superior, Michigan, ten thousand dollars.

Marquette. For improvement of Marquette harbor, Lake Superior, Michigan, twenty-five thousand dollars.

Green Bay. For improvement of Green Bay harbor, Wisconsin, seventeen thousand five hundred dollars.

Manitowoc. For improvement of Manitowoc harbor, Wisconsin, twenty thousand dollars.

Sheboygan. For improvement of Sheboygan harbor, Wisconsin, fifteen thousand dollars.

Milwaukee. For improvement of Milwaukee harbor, Wisconsin, forty thousand dollars.

Racine. For improvement of Racine harbor, Wisconsin, ten thousand dollars.

Kenosha. For improvement of Kenosha harbor, Wisconsin, ten thousand dollars.

Michigan City. For improvement of Michigan City harbor, Indiana, twenty-five thousand dollars.

New Buffalo. For improvement of New Buffalo harbor, Michigan, five thousand dollars.

Port Washington. For improvement of Port Washington harbor, Wisconsin, fifteen thousand dollars.

Aux Becs Scies. For improvement of Aux Becs Scies harbor, Michigan, ten thousand dollars.

Manistee. For improvement of Manistee harbor, Michigan, twenty thousand dollars.

Pere Marquette. For improvement of Pere Marquette harbor, Michigan, ten thousand dollars.

Pentwater. For improvement of Pentwater harbor, Michigan, ten thousand dollars.

White River. For improvement of White River harbor, Michigan, twenty thousand dollars.

Muskegon. For improvement of Muskegan harbor, Michigan, ten thousand dollars.

Grand Haven For improvement of Grand Haven harbor, Michigan, ten thousand dollars.

Black Lake. For improvement of Black Lake harbor, Michigan, ten thousand dollars.

Saugatuck. For improvement of Saugatuck harbor, Michigan, ten thousand dollars.

South Haven. For improvement of South Haven harbor, Michigan, ten thousand dollars.

Saint Joseph. For improvement of Saint Joseph harbor, Michigan, fifteen thousand dollars.

Saint Mary's. For improvement of Saint Mary's Falls Canal and Saint Mary's river, Michigan, one hundred and fifty thousand dollars.

For improvement of Au Sable river, Michigan, fifteen thousand dollars. Au Sable River.

For improvement of Saginaw river, Michigan, one thousand five hundred dollars. Saginaw.

For improvement of Saint Clair flats, Michigan, sixteen thousand five hundred dollars. Saint Clair Flats.

For improvement of Clinton river, Michigan, five thousand dollars. Clinton River.

For improvement of Toledo harbor, Maumee bay, Ohio, fifty thousand dollars. Toledo.

For improvement of Sandusky City harbor, Ohio, ten thousand dollars. Sandusky City.

For improvement of Cleveland harbor, Ohio, twenty thousand dollars. Cleveland.

For improvement of Conneaut harbor, Ohio, six thousand dollars. Conneaut.

For improvement of Erie harbor, Pennsylvania, twenty thousand dollars. Erie.

For clearing and buoying the channel of the Schuylkill river at its mouth, at Gibson's point, and above to the Chestnut Street bridge, Philadelphia, Pennsylvania, fifteen thousand dollars. Schuylkill River.

For improvement of Dunkirk harbor, New York, twenty-five thousand dollars. Dunkirk.

For improvement of Buffalo harbor, New York, eighty thousand dollars. Buffalo.

For improvement of Olcott harbor, New York, ten thousand dollars. Olcott.

For improvement of Charlotte harbor, New York, twelve thousand dollars. Charlotte.

For improvement of Oak Orchard harbor, New York, eight thousand dollars. Oak Orchard.

For improvement of Big Sodus harbor, New York, five thousand dollars. Big Sodus.

For improvement of Little Sodus harbor, New York, five thousand dollars. Little Sodus.

For improvement of Pultneyville harbor, New York, five thousand dollars. Pultneyville.

For enlargement, according to the plan of the engineer department, of harbor facilities at Oswego, New York, fifty thousand dollars. Oswego.

For improvement of Ogdensburg harbor, New York, fifteen thousand dollars. Ogdensburgh.

For improvement of Plattsburg harbor, New York, ten thousand dollars. Plattsburgh.

For improvement of Burlington harbor, Vermont, twenty-five thousand dollars. Burlington.

For improvement of the Upper Mississippi river, and removing snags and dredging, thirty-six thousand dollars. Upper Mississippi.

For improvement of the Wisconsin river, one hundred thousand dollars. Wisconsin.

For improvement of the Minnesota river, ten thousand dollars. Minnesota.

For the preservation of the Falls of Saint Anthony and the navigation of the Mississippi river above the same, fifty thousand dollars. Falls of Saint Anthony, &c.

Des Moines Rapids. For improvement of the Des Moines rapids, four hundred thousand dollars.

Rock Island Rapids. For improvement of the Rock Island rapids, one hundred and fifty thousand dollars.

Illinois River. For improvement of the Illinois river, one hundred thousand dollars.

Mouth of the Mississippi. For improvement of the mouth of the Mississippi river, three hundred thousand dollars.

Saint John's. For improvement of the mouth of the Saint John's river, Florida, fifteen thousand dollars.

Town Creek. 1872, ch. 416. For removing obstructions in Town creek, near Charleston, South Carolina, seven thousand five hundred dollars.

Falls of the Ohio, &c. For improvement of the Falls of the Ohio river and Louisville canal, two hundred and fifty thousand dollars.

Mississippi, &c., rivers. For improvement of the Mississippi, Missouri, and Arkansas rivers, one hundred and fifty thousand dollars.

Ohio River. For improvement of the Ohio river, fifty thousand dollars.

Hudson River. For improvement of the Hudson river, New York, forty thousand dollars.

East River. For removing obstructions in East river, New York, including Hell Gate, two hundred and fifty thousand dollars.

New Haven. For improvement of New Haven harbor, Connecticut, fifteen thousand dollars.

Connecticut River. For improvement of Connecticut river, forty thousand dollars.

Providence River. For improvement of Providence river, Rhode Island, five thousand dollars.

Pawtucket River. For improvement of Pawtucket river, Rhode Island, eight thousand dollars.

Block Island. For construction of breakwater at Block Island, Rhode Island, thirty thousand dollars.

Boston. For preservation and improvement of Boston harbor, Massachusetts, one hundred thousand dollars.

Hyannis. For improvement of Hyannis harbor, Massachusetts, twelve thousand dollars.

Plymouth. For improvement of Plymouth harbor, Massachusetts, ten thousand dollars.

Taunton River. For improvement of Taunton river, Massachusetts, ten thousand dollers.

Merrimac River. For improvement of Merrimac river, Massachusetts, twenty-five thousand dollars.

Kennebunk. For improvement of Kennebunk river, Maine, five thousand dollars.

Saco. For improvement of Saco river, Maine, ten thousand dollars.

Portland. For improvement of Portland harbor Maine, ten thousand dollars.

Kennebec. For improvement of Kennebec river, Maine, fifteen thousand dollars.

Gut opposite Bath. For improvement of navigation at the "Gut," opposite Bath, Maine, ten thousand dollars.

Union River. For improvement of Union river, Maine, fifteen thousand dollars.

Penobscot River. For improvement of the Penobscot river, at Bangor and below, Maine, fifteen thousand dollars.

For improvement of the Willamette river at Portland and to mouth of river, Oregon, thirty-one thousand dollars. Willamette River.

For improvement of the Tennessee river, eighty thousand dollars, to be expended below Chattanooga. Tennessee River.

For improvement of Wilmington harbor, Delaware, fifteen thousand dollars. Wilmington.

For improvement of Westport harbor, Connecticut, two thousand five hundred dollars. Westport.

For improvement of the channel of the mouth of the Cape Fear river, in North Carolina, one hundred thousand dollars. Cape Fear River.

For improvement of Galveston harbor, Texas, twenty-five thousand dollars. Galveston.

For enlargement of harbor facilities at Chicago, Illinois, according to the plans of the engineer department, one hundred thousand dollars, and for a harbor of refuge, fifty thousand dollars. Chicago.

For improvement of harbor and bay of Mobile, Alabama, fifty thousand dollars. Mobile.

For the improvement of the Potomac river between the Long bridge, in Washington, and the city of Georgetown, in the District of Columbia, fifty thousand dollars. Potomac.

For the improvement of James river, in Virginia, and the removal of bars and obstructions from Richmond to and including Harrison's bar, below the junction of the James and Appomattox rivers, fifty thousand dollars. James River.

For improvement of Bayou Teche, Louisiana, seventeen thousand five hundred dollars. Bayou Teche.

For examination and surveys for improvements on the north and northwestern lakes and rivers, and the Atlantic and Pacific coasts, and for contingencies of rivers and harbors not provided for in this act, one hundred and fifty thousand dollars. Examination and surveys for improvements.

SEC. 2. *And be it further enacted*, That the Secretary of War is hereby directed to cause examinations or surveys, or both, to be made at the following points, namely: Examinations or surveys to be made at various places.

At Charleston, South Carolina;
At Cyprus bayou, Texas;
At the Housatonic river, below Derby, Connecticut;
At Bridgeport harbor, Connecticut;
At Southport harbor, Connecticut;
At Fifteen-Mile falls, New Hampshire;
At Pawcatuck river, Rhode Island and Connecticut;
At Narragansett pier, Rhode Island;
Cocheco river, at Dover, New Hampshire;
At Royals river, Maine;
At Narragangus river, Maine;
Sullivan river, Maine;
At Sullivan's falls, between the towns of Hancock and Sullivan;
At South river, New Jersey;
At mouth of Salem river, New Jersey;
At James river, Virginia, between Richmond and City point, including Harrison's bar below the point;
Appomattox river, Virginia, from Petersburg to its mouth.
James river and Kanawha canal, Virginia;

At Rappahannock river, below Fredericksburg, Virginia;
At Roanoke river, North Carolina;
At Coosa river, Alabama;
At Mobile harbor, Alabama;
At Cumberland river, from its mouth to the head of navigation;
At Tombigbee river, in Alabama and Mississippi from its mouth to the head of navigation;
At Saint Louis and Alton harbors, Mississippi river, between Alton and mouth of Merrimac river;
At Osage, river, Missouri;
At Ouachita, Little Missouri, and Petit Jane rivers, Arkansas;
At Bayou Saint John, from the mouth of Bayou Saint John, Louisiana, through Lake Ponchartrain and the Rigolet to Ship Island;
At Indianola harbor, Texas;
At Corpus Christi, Texas;
At Buffalo bayou, for a channel of navigation through Buffalo bayou and Galveston bay, to Bolivar channel, near the outer bar in the Gulf of Mexico;
At Sheboygan river, Michigan;
At Harbor of Refuge, on Lake Huron, between Saint Clair river and Point au Barques, Michigan;
At Port Clinton, Ohio;
For survey or examination of the bars and other obstructions to navigation of the Cache, St. Francis Little Red, White, and Black rivers, Arkansas;
For survey or examination of the bar of the Sacramento river, California, known as the Hog's Back, for the purpose of removing the same;
At the mouth of Oconto river, Wisconsin;
At the mouth of the Ahnepee river, Wisconsin;
At Chester harbor, on the Delaware river, Pennsylvania;
At Alpeena harbor, Michigan;
At the mouth of the Cape Fear river, North Carolina;
For ship-canal route from Hennepin, on the Illinois river, to Rock Island, on the Mississippi river, via Geneseo, by the most direct and feasible route;
At Peconic river below Riverhead, New York;
At the entrance to Port Jefferson harbor, on the south side of Long Island sound;
At Rocky river, Ohio;
At Salmon river, Lake Ontario, New York;
At the mouth of Two rivers, Wisconsin;
At the mouth of Trinity river, Texas;
At Delaware river, between the city of Trenton and Bordentown;
At Shrewsbury river, New Jersey;
At the mouth of Sabine river, Texas;
At French Broad river, Tennessee;
At Pine river, Saginaw bay, Michigan;
At Brazos, San Jago, Texas;
At the mouth of Muskingum river, Ohio;
At Gloucester harbor, Massachusetts;

At the harbor of Cambridge and harbor of Queenstown, Maryland;

At the mouth of the Apalachicola river, Florida;

At Nag's head, in North Carolina, with a view of reopening the old inlet near that place;

Survey of the Wabash river, from its mouth to the town of Wabash, Indiana;

For the survey of the Willamette river, above Oregon City, Oregon;

For the survey of the Umpqua river, Oregon;

Ship-canal in Patapsco River and Chesapeake Bay.

SEC. 3. *And be it further enacted*, That the sum of forty-two thousand [and] nine hundred dollars be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, to the widening and deepening the ship canal in the Patapsco river and Chesapeake bay, leading toward the harbor of Baltimore.

Mouth of the Susquehanna River.

SEC. 4. *And be it further enacted*, That the sum of twelve thousand dollars, of any unappropriated money in the treasury, be paid and applied, under the direction of the Secretary of War, to deepen the harbor or waters at the mouth of the Susquehanna river.

Engineers to examine all bridges across the Ohio River, and report if navigation is obstructed thereby, &c.

SEC. 5. *And be it further enacted*, That the Secretary of War is hereby authorized and required to detail three engineers, whose duty it shall be to examine all bridges now erected, or in process of erection, across the Ohio river, and to report whether, in their opinion, such bridges, or any of them, as now constructed, or proposed to be constructed, do or will interfere with the free and safe navigation of said river; and if they do or will so interfere, to report also what extent of span and elevation above water will be required to prevent obstruction to navigation, and their estimate of the cost required to change such bridges now built, or being built, to such width of span and elevation above the water as will prevent obstruction to navigation, such report to be made and communicated to the next session of Congress.

Approved, July 11, 1870.

CHAP. 292.—An Act making Appropriations for sundry civil Expenses of the Government for the Year ending June thirty, eighteen hundred and seventy-one, and for other Purposes.

July 15, 1870. Vol. 16, p. 291.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the objects hereinafter expressed, for the fiscal year ending the thirtieth June, eighteen hundred and seventy-one, viz.:—

* * * * *

New Castle, Delaware.

For repairing the stone piers belonging to the United States in the harbor of New Castle, Delaware, two thousand five hundred dollars.

Bulkhead Rock.

For the improvement of Bulkhead rock in Providence river, Rhode Island, two thousand five hundred dollars.

* * * * *

Western, &c., rivers.

For examinations and surveys on western and northwestern rivers, fifty thousand dollars.

* * * * *

Survey of Tehauntepec and Nicaragua routes for ship canal.

For an examination and survey, under the direction of the President of the United States, of the routes of Tehuantepec and Nicaragua, in order to ascertain the practicability of a ship canal at these places between the Atlantic and Pacific oceans, thirty thousand dollars.

* * * * *

Appropriation for stone, &c., pier in Delaware Bay. 1871, ch. 21, § 10. 1872, ch. 172, § 4. 1873, ch. 233, § 4.

SEC. 12. *And be it further enacted*, That two hundred and twenty-five thousand dollars, or so much thereof as may be necessary, be, and the same is hereby, appropriated to construct a good and substantial pier of stone or iron in the Delaware bay, at or near Lewes, in Sussex county, in the State of Delaware, out of any money in the treasury not otherwise appropriated, and to be expended under the direction of the Secretary of War.

Junction and Breakwater Railroad may run over pier, &c.

SEC. 13. *And be it further enacted*, That it may and shall be lawful for the president, directors, and company of the Junction and Breakwater railroad, in the State of Delaware, to extend their railroad upon and over said pier, and freely to use said pier in connection with their said road, subject to such regulations and charges for maintenance and repairs as the Secretary of War may adopt.

* * * * *

Approved, July 15, 1870.

Jan. 18, 1871. Vol. 16, p. 399.

CHAP. 21.—An Act making an additional Appropriation for the Improvement of the Louisville and Portland Canal for the fiscal Year ending June thirty, eighteen hundred and seventy-one, and for other Purposes.

Appropriation for Louisville and Portland Canal.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the additional sum of two hundred thousand dollars be, and the same is hereby, appropriated out of any money in the treasury not otherwise appropriated, for the improvement of the Louisville and Portland Canal during the current fiscal year, to be expended in accordance with existing laws; and for the completion of the section work at the Des Moines rapids, three hundred and forty-one thousand dollars.

For work at the Des Moines Rapids.

Approved, January 18, 1871.

Feb. 2, 1871. Vol. 16, p. 402.

CHAP. 34.—An Act making a temporary Appropriation for the Prosecution of the work upon the Improvement of Saint Mary's Falls Canal and Saint Mary's River, Michigan.

Appropriation for improvement of Saint Mary's Falls Canal and Saint Mary's River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there be, and is hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction and superintendence of the Secretary of War, for the purpose of continuing the prosecution of the work upon the improvement of Saint Mary's Falls canal and Saint Mary's river, the sum of one hundred thousand dollars.

Approved, February 2, 1871.

[No. 40.] A Resolution authorizing Water Gauges to be established and Observations to be made upon the Mississippi River and its principal Tributaries, with a View to obtaining Information required for the Protection of the alluvial Lands against Overflow, and for the Improvement of Navigation.

Feb. 21, 1871.
Vol. 16, p. 598.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, authorized and directed to have water gauges established, and daily observations made of the rise and fall of the Lower Mississippi river and its chief tributaries, at or in the vicinity of Saint Louis, Cairo, Memphis, Helena, Napoleon, Providence, Vicksburg, Red River Landing, Baton Rouge, and Carrollton, on the Mississippi, between the mouth of the Missouri and the Gulf of Mexico, and at or in the vicinity of Fort Leavenworth, on the Missouri;

Rock Island, on the Upper Mississippi;
Louisville, on the Ohio;
Florence, on the Tennessee;
Jacksonport, on the White River;
Little Rock, on the Arkansas;
And Alexandria on the Red River;

and such other places as the Secretary of War may deem advisable; the expenditure for the same to be made from the appropriation for the improvement of rivers and harbors: *Provided*, That the annual cost of the observations shall not exceed the sum of five thousand dollars per annum.

Approved, February 21, 1871.

Water-gauges to be established and observations made of the rise and fall of the Lower Mississippi, &c., at certain designated places.

Expenditure not to exceed $5,000 a year.

[No. 47.] Joint Resolution extending the Time for the Completion of the Portage Lake and Lake Superior Ship Canal.

Mar. 2, 1871.
Vol. 16, p. 599.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the time for the completion of the Portage Lake and Lake Superior ship canal be, and the same is hereby, extended to the third day of March, A. D. eighteen hundred and seventy-two.

Approved, March 2, 1871.

Time for completion of Portage Lake and Lake Superior Ship-Canal extended.
1865, ch. 102.
1866, ch. 161.
1869, Res. No. 16.
1872, ch. 66.
1873, ch. 323.

CHAP. 114.—An Act making Appropriations for sundry civil Expenses of the Government for the fiscal Year ending June thirty, eighteen hundred and seventy-two, and for other Purposes.

Mar. 3, 1871.
Vol. 16, p. 495.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the objects hereinafter expressed, for the fiscal year ending the thirtieth June, eighteen hundred and seventy-two, viz.:—

* * * * *

Miscellaneous.— * * *

Payment to John B. Brown for work on Louisville Canal.

And Godfrey Weitzel, of the corps of engineers, United States army, and in charge of the improvement of the Louisville canal, is hereby empowered and directed, subject to the approval of the chief of said corps of engineers, to adjust and pay, out of any money appropriated for the improvement of said canal, to John B. Brown, any legal or equitable claim he may have against the United States arising out of his contract by him to perform work on said improvement of said canal, in eighteen hundred and seventy:

Limit to amount.

Provided, That there shall not be paid to him in any event over eight thousand two hundred dollars, nor more under that sum than, together with any sums already paid him on account of said contract and work, shall be equal to the fair and reasonable value to the government of the work done by him for the government under such contract.

* * * * *

Approved, March 3, 1871.

Mar. 3, 1871. Vol. 16, p. 538.

CHAP. 118.—An Act making Appropriations for the Repair, Preservation, and Completion of certain public Works on Rivers and Harbors, and for other Purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, for the repair, preservation, and completion of the following public works hereinafter named:

Appropriations for the repair, &c., of public works on rivers and harbors.

Superior City. For improvement of Superior City harbor, Wisconsin, sixty thousand dollars.

Marquette. For improvement of Marquette harbor, Lake Superior, Michigan, sixty thousand dollars.

Green Bay. For improvement of Green Bay harbor, Wisconsin, seventeen thousand five hundred dollars.

Manitowoc. For improvement of Manitowoc harbor, Wisconsin, eleven thousand dollars.

Sheboygan. For improvement of Sheboygan harbor, Wisconsin, fifteen thousand dollars.

Port Washington. For improvement of Port Washington harbor, Wisconsin, fifteen thousand dollars.

Milwaukee. For improvement of Milwaukee harbor, Wisconsin, thirty-eight thousand dollars.

Racine. For improvement of Racine harbor, Wisconsin, ten thousand dollars.

Kenosha. For improvement of Kenosha harbor, Wisconsin, ten thousand dollars.

Two Rivers. For improvement of Two-Rivers harbor, Wisconsin, twenty-five thousand dollars.

Ahnapee. For improvement of Ahnapee harbor, Wisconsin, twenty-five thousand dollars.

Mouth of the Menomonee River. For improvement of harbor at mouth of Menomonee river, Wisconsin and Michigan, twenty-five thousand dollars.

Shrewsbury River. For improvement of the north and south branches of the Shrewsbury river, New Jersey, fourteen thousand dollars.

For improvement of Aux Becs Scies harbor, Michigan, ten thousand dollars. Aux Becs Scies.

For the improvement of South river, New Jersey, fifteen thousand dollars. South River.

For the removal of obstructions of Salem river, New Jersey, four thousand dollars. Salem River.

For improvement of Manistee harbor, Michigan, nine thousand dollars. Manistee Harbor.

For improvement of Ouachita river from the Louisiana State line to the town of Arkadelphia, in the State of Arkansas, on said river, twenty-five thousand dollars. Ouachita River.

For improvement of Pere Marquette harbor, Michigan, ten thousand dollars. Pere Marquette.

For improvement of Pentwater harbor, Michigan, ten thousand dollars. Pentwater.

For improvement of White River harbor, Michigan, twenty thousand dollars. White River.

For improvement of Muskegan harbor, Michigan, fifteen thousand dollars. Muskegon.

For improvement of Grand Haven harbor, Michigan, six thousand dollars. Grand Haven.

For improvement of Black Lake harbor, Michigan, ten thousand dollars. Black Lake.

For improvement of Saugutuck harbor, Michigan, ten thousand dollars. Saugatuck.

For improvement of Cheboygan harbor, Michigan, ten thousand dollars. Cheboygan.

For improvement of South Haven harbor, Michigan, fifteen thousand dollars. South Haven.

For improvement of Saint Joseph harbor, Michigan, ten thousand dollars. Saint Joseph.

For improvement of Saint Mary's Falls canal and Saint Mary's river, Michigan, two hundred and fifty thousand dollars. Saint Mary's Falls Canal and River.

For improvement of Au Sable river, Michigan, ten thousand dollars. Au Sable River.

For harbor of refuge, Lake Huron, Michigan, one hundred thousand dollars. Lake Huron.

For improvement of Clinton river, Michigan, one thousand five hundred dollars. Clinton River.

For improvement of Saint Clair flats, Michigan, one thousand five hundred dollars. Saint Clair Flats.

For improvement of Toledo harbor, Ohio, fifty thousand dollars. Toledo.

For improvement of Ashtabula harbor, Ohio, fifteen thousand dollars. Ashtabula.

For clearing and buoying the channel of the Schuylkill river, at its mouth, at Gibson's point, and above to the Chestnut Street bridge, Philadelphia, Pennsylvania, ten thousand dollars. Schuylkill River.

For improvement of Erie harbor, Pennsylvania, twenty-nine thousand dollars. Erie Harbor.

For improvement of Chicago harbor, Illinois, one hundred thousand dollars. Chicago.

For harbor of refuge, at Calumet, Illinois, fifty thousand dollars. Calumet.

Michigan City. For improvement of Michigan City harbor, Indiana, fifteen thousand dollars.

Dunkirk. For improvement of Dunkirk harbor, New York, twenty-five thousand dollars.

Port Jefferson. For improvement of Port Jefferson harbor, Long Island, New York, fifteen thousand dollars.

Buffalo. For improvement of Buffalo harbor, New York, one hundred thousand dollars.

Olcott. For improvement of Olcott harbor, New York, five thousand dollars.

Oak Orchard. For improvement of Oak Orchard harbor, New York, ten thousand dollars.

Charlotte. For improvement of Charlotte harbor, New York, ten thousand dollars.

Little Sodus. For improvement of Little Sodus harbor, New York, fifteen thousand dollars.

Pultneyville. For improvement of Pultneyville harbor, New York, five thousand dollars.

Oswego. For improvement of Oswego harbor, New York, one hundred thousand dollars.

Ogdensburgh. For improvement of Ogdensburg harbor, New York, twenty-five thousand dollars.

Plattsburgh. For improvement of Plattsburg harbor, New York, fifteen thousand dollars.

Peconic River. For the improvement of Peconic river, below the village of Riverhead, Long Island, five thousand dollars.

Burlington, Vt. For improvement of Burlington harbor, Vermont, thirty thousand dollars.

Falls of Saint Anthony. For the preservation of the falls of Saint Anthony, and the navigation of the Mississippi river above the same, fifty thousand dollars.

Ouachita. For improvement of the Ouachita river, in Louisiana, from the Arkansas State line to the mouth of said river, twenty-six thousand dollars.

Upper Mississippi River. No part for any patented machine. For improvement of the upper Mississippi river, and removing snags and dredging, forty-two thousand dollars: *Provided*, That no part of such sum shall be paid for the use of any patent or patented machine in which any engineer or officer employed by the government may be interested.

Minnesota River. For improvement of the Minnesota river, ten thousand dollars.

Rock Island Rapids. For improvement of the Rock Island rapids, one hundred and fifty thousand dollars.

Des Moines Rapids. For improvement of the Des Moines rapids, two hundred and fifty thousand dollars.

Mississippi, Missouri, and Arkansas Rivers. For improvement of the Mississippi, Missouri, and Arkansas rivers, one hundred and fifty thousand dollars.

Mouth of the Mississippi River. For improvement of the mouth of the Mississippi river, one hundred and twenty-five thousand dollars.

Ohio River and Louisville Canal. For improvement of the falls of the Ohio river, and Louisville canal, two hundred and fifty thousand dollars.

Ohio River. For improvement of the Ohio river, fifty thousand dollars.

Queenstown Harbor. For improvement of Queenstown harbor, Maryland, five thousand dollars.

For improvement of harbor at Cambridge, Maryland, ten thousand dollars. Cambridge, Md.

For improvement of the ship-channel in the Patapsco river and Chesapeake bay, leading toward the harbor of Baltimore, fifty thousand dollars. Patapsco River and Chesapeake Bay.

For improvement of the channel at the mouth of Cape Fear river, North Carolina, seventy-five thousand dollars. Cape Fear River.

For improvement of Roanoke river, below Weldon, North Carolina, twenty thousand dollars. Roanoke River.

For improvement of the ship-channel in Charleston harbor, South Carolina, thirteen thousand dollars. Charleston Harbor.

For improvement of the James river, below Richmond, Virginia, fifty thousand dollars. James River.

For improvement of the Appomattox river, below Petersburg, Virginia, fifty thousand dollars. Appomattox River.

For improvement of the Rappahannock river, Virginia, fifteen thousand dollars. Rappahannock River.

For improvement of the Hudson river, New York, forty thousand dollars. Hudson River.

For improvement of the East river, New York, including Hell Gate, two hundred and fifty thousand dollars. East River and Hell Gate.

For improvement of Pawtucket river, Rhode Island, seven thousand dollars. Pawtucket River.

For construction of breakwater at Block Island, Rhode Island, seventy-five thousand dollars. Block Island.

For improvement of Pawcatuck river, Rhode Island and Connecticut, ten thousand dollars. Paw catuck River.

For improvement of Thames river, Connecticut, fifteen thousand dollars. Thames River.

For improvement of Connecticut river, above Hartford and below Holyoke, twenty thousand dollars. Connecticut River.

For improvement of Connecticut river, below Hartford, thirty five thousand dollars.

For improvement of New Haven harbor, Connecticut, forty thousand dollars. New Haven.

For improvement of the Housatonic river, Connecticut, fifteen thousand dollars. Housatonic River.

For improvement of Bridgeport harbor, Connecticut, twenty thousand dollars. Bridgeport.

For improvement of Taunton river, Massachusetts, ten thousand dollars. Taunton River.

For improvement of Hyannis harbor, Massachusetts, ten thousand dollars. Hyannis.

For improvement of Provincetown harbor, Massachusetts, six thousand dollars. Provincetown.

For improvement of Plymouth harbor, Massachusetts, ten thousand dollars. Plymouth.

For improvement of Boston harbor, Massachusetts, one hundred thousand dollars. Boston.

For improvement of Merrimac river, above Haverhill, Massachusetts, twenty-five thousand dollars. Merrimack River.

For improvement of Kennebunk river, Maine, five thousand dollars. Kennebunk River.

For improvement of Saco river, Maine, fifteen thousand dollars. Saco River.

Portland. For improvement of Portland Harbor, Maine, forty thousand dollars.

Cocheco River. For improvement of the Cocheco river, within the town of Dover, New Hampshire, ten thousand dollars.

Kennebec River. For improvement of Kennebec river, above Hallowell, Maine, ten thousand dollars.

Kennebec River. For improvement of Kennebec river, between Gardiner and Richmond, Maine, five thousand dollars.

Gut. For improvement of navigation at the "Gut," opposite Bath, Maine, six thousand five hundred dollars.

Penobscot River. For improvement of the Penobscot river, at Bangor, and below, Maine, fifty thousand dollars.

Other rivers in Maine. For improvement of Union river, Maine, fifteen thousand dollars.

For improvement of Royal's river, Maine, ten thousand dollars.

Narragaugus River. For improvement of Narragaugus river, Maine, twelve thousand dollars.

Sullivan River. For improvement of Sullivan river, Maine, ten thousand dollars.

Rivers in Arkansas. For improvement of White, Black, and Little Red rivers, in the State of Arkansas, ten thousand dollars.

Saint Francis River. For improvement of Saint Francis river, in the State of Arkansas, ten thousand dollars.

Little Missouri River. For improvement of the Little Missouri river, in the State of Arkansas, ten thousand dollars.

Cumberland River, Tennessee. For improvement of the Cumberland river, below Nashville, Tennessee, thirty thousand dollars.

Galveston. For improvement of Galveston harbor, Texas, twenty thousand dollars.

Wilmington. For construction of breakwater at Wilmington harbor, California, two hundred thousand dollars.

Umpqua River. For improvement of the Umpqua river, Oregon, twenty-two thousand five hundred dollars.

Saint John's River, Florida. For the improvement of the bar at the mouth of the Saint John's river, Florida, fifteen thousand dollars.

Mobile. For improvement of Mobile harbor, Alabama, fifty thousand dollars.

Osage River. For improvement of the Osage river, Missouri, twenty-five thousand dollars.

Duluth. For improvement of the harbor at Du Luth, Minnesota, sixty thousand dollars.

Willamette River. For improvement of the Willamette river, above Oregon city, Oregon, sixteen thousand dollars.

Surveys, &c., for improvements on lakes, rivers, and coasts. For examination and surveys for improvement on the northern and northwestern lakes and rivers, and the Atlantic and Pacific coasts, and for contingencies of rivers and harbors not provided for in this act, one hundred and seventy-five thousand dollars.

Unexpended appropriations for the improvement of the Tennessee River, how to be expended. SEC. 2. That all moneys heretofore appropriated for the improvement of the Tennessee river, and still unexpended, shall be expended, under the direction of the Secretary of War, for the repair and completion of the works heretofore begun between Knoxville and Chattanooga, and for the continuation of the works now in progress below Chattanooga, including the Muscle shoals.

Examinations or surveys, or both, to be made at various points.

SEC. 3. That the Secretary of War is hereby directed to cause examinations or surveys, or both, to be made at the following points, namely:

At Galveston harbor, from the outer bar up to the Red Fish bar, on or nearest to the west shore;

At Mississippi city, for harbor on Mississippi sound;

At Black river, Missouri, to Poplar bluff;

At Current river, Missouri, from its mouth to Van Buren;

At Otter creek, Vermont;

At Norfolk harbor, Virginia;

At Eureka harbor, and at Santa Cruz, California;

At Passaic river, between Newark and at Passaic, New Jersey;

For ship canal from the head of Sturgeon bay, Wisconsin, on the line now opened across the portage through the timber to the shore of Lake Michigan, with estimates for constructing the same one hundred feet wide and thirteen feet deep;

At East Chester creek or inlet, New York;

At Port Chester harbor, New York;

At Rondout harbor, Hudson river, New York;

At Maumee river, above Toledo, Ohio;

At Fourche La Faive river, Arkansas;

For resurveying of Monroe harbor, Michigan;

For survey and estimate for removing middle ground at the mouth of Black river, in Saint Clair river, Michigan;

Harbor at Stonington, Connecticut;

At Grand Marais, Michigan;

At Neabsco bay, Virginia;

At Accotink bay, Virginia;

At Savannah harbor, Georgia;

At Well's harbor, Maine;

At Coosa river, Alabama;

At Huntington harbor, on south coast of Long Island sound;

And to complete the survey of the Cumberland river, and the resurvey of the Tennessee river, from Brown's ferry to Florence, Alabama;

At Choctawhatchee river, Florida;

At Aquia creek, Virginia;

For survey of White river, from Buffalo shoals to the mouth of James fork, Missouri;

For the survey of the Wabash river, from its mouth to the city of Lafayette;

For survey of the Monongahela river, from New Geneva, in Pennsylvania, to Morgantown, in West Virginia;

For a survey beginning at or near Guntersville, on the Tennessee river, to the headwaters of the Warrior and Coosa rivers, in Alabama, with a view of determining the practicability of uniting the waters of the Tennessee river with the waters of the Warrior or Coosa river for the purposes of navigation, and estimates for necessary locks and dams to extend the navigation on said river to the last-named place;

For examination and survey of the Etowah river, from its mouth up to Cartersville, Georgia, and also for exami-

nation and survey of Atchafalaya bay and Calcasieu pass, Louisiana;

Of the Oostenaula river;

From Rome, Georgia, up to the mouth of the Coosawattee;

At Chattahoochee river, below Columbus, Georgia;

At the mouth of the Saint John's river, from the outer bar to Jacksonville, Florida;

At the mouth of the Saint Mark's river, from Spanish hole to Saint Mark's, Florida;

At Apalachicola bay, Florida;

At Tampa bay, at Tampa, Florida;

For resurvey of Fifteen-mile falls;

At Elizabeth and Nansemond rivers, Virginia;

At Camden, Arkansas, to Trinity, Louisiana, on Ouachita river;

At Goldsboro, North Carolina, to the mouth of Neuse river;

At the mouth of Licking river, Kentucky, for harbor of refuge;

For survey of the Cape Fear and Deep rivers, as far up as La Grange, North Carolina;

At Cuivre river, Missouri, from its mouth to Moscow Mills;

At Bayou Bartholomew, from its mouth to the Arkansas State line;

For the examination and survey of the Tangipaha and Chifuncte rivers, in the State of Louisiana;

For the survey of Horse Shoe shoals, in the Delaware river, below Philadelphia, Pennsylvania;

For the survey of the harbor of Norwalk, Connecticut;

For surveying the mouths of Quantico and Choppa Wamasic bays, Virginia;

For examination and survey of Red river, from the mouth to a point above the raft in Louisiana.

Unexpended balances of appropriations by act 1870, ch. 240, are hereby reappropriated.

SEC. 4. That the unexpended balances of appropriations made by the act approved July eleven, eighteen hundred and seventy, entitled "An act making appropriations for the repair, preservation, and completion of certain public works *in* [on] rivers and harbors, and for other purposes, for the fiscal year ending June thirty, eighteen hundred and seventy-one," are hereby reappropriated for the purposes therein specified: *Provided*, That any part of the appropriations made by this act may, at the discretion of the Secretary of War, be applied during the current fiscal year.

Proviso.

Approved, March 3, 1871.

Mar. 3, 1871. Vol. 16, p. 700.

CHAP. 197.—An Act for the Relief of Charles Cooper, Goshom A. Jones, Jerome Rowley, William Hannegan, and John Hannegan.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Charles Cooper, Goshom A. Jones, Jerome Rowley, William Hannegan, and John Hannegan be, and they are hereby, released and discharged from all liability to the United

William and John Hannegan and their sureties to be released from liability on their bond to se-

States under and by reason of their bond executed thereto to secure the faithful performance, by the said William Hannegan and John Hannegan, of their contract with the government of the United States for the improvement of Des Moines rapids, of the Mississippi river, in the State of Iowa, and that the action at law, now pending in the circuit court of the United States for the sixth circuit and northern district of Ohio to enforce said bond, be discontinued by the proper officer of the government, at the costs of the defendants.

cure contract for improvement of Des Moines Rapids.

Approved, March 3, 1871.

CHAP. 14.—An Act relating to the Harbor at Buffalo, New York.

Apr. 15, 1871. Vol. 17, p. 4.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be authorized, when in his judgment he thinks it will be for the interest of the United States, to extend or continue the contract for the improvement of the harbor at Buffalo, made and entered into upon the twentieth day of January, eighteen hundred and sixty-eight.

Contract for improvement of harbor at Buffalo may be extended by Secretary of War.

Approved, April 15, 1871.

CHAP. 21.—An Act making Appropriations to supply Deficiencies in the Appropriations for the Service of the Year ending June thirtieth, eighteen hundred and seventy-one, and for additional Appropriations for the Service of the Year ending June thirtieth, eighteen hundred and seventy-two, and for other Purposes.

Apr. 20, 1871. Vol. 17, p. 5.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

* * * * *

SEC. 10. That the appropriation for building a pier at Lewes, Delaware, contained in sections twelve and thirteen of the Act approved July fifteenth, eighteen hundred and seventy, entitled "An act making appropriations for sundry civil expenses of the government for the year ending June thirtieth, eighteen hundred and seventy-one, and for other purposes," be, and the same is hereby, continued until June thirtieth, eighteen hundred and seventy-two.

Pier at Lewes, Del. 1870, ch. 292, §§ 12, 13. 1872, ch. 172, § 4. 1873, ch. 233, § 4.

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Approved, April 20, 1871.

CHAP. 23.—An Act extending the Time for the Completion of the Green Bay and Sturgeon Bay and Lake Michigan Ship Canal, in the State of Wisconsin.

Mar. 1, 1872. Vol. 17, p. 32.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the time for the completion of the Green Bay and Sturgeon Bay and Lake Michigan ship canal be, and the same is hereby, extended to the tenth day of April, anno Domini eighteen hundred and seventy-four.

Time for completing Green Bay, &c., Ship-Canal extended. 1866, ch. 32.

Approved, March 1, 1872.

Mar. 5, 1872.
Vol. 17, p. 36.

CHAP. 36.—An Act to provide for the Survey of the Harbor and River at Washington, D. C.

1873, ch. 233.
1874, ch. 457.

Board of survey constituted for the harbor and river at Washington, D. C.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the chief of engineers of the United States Army, the superintendent of the coast survey, the engineer in charge of public buildings and grounds, the governor of the District of Columbia, Alexander R. Shepherd, and Carlisle P. Patterson, who shall serve without compensation, are hereby created a board of survey, and are empowered and instructed to examine into the condition of the harbors and landings for vessels from the Anacostia bridge, on the eastern branch, along the entire water-front of the city of Washington and Georgetown, to the head of tide-water. And the said board are directed to report to Congress, at as early a day as practicable, a full and comprehensive plan for opening, improving, and developing the water-channel so as to secure the best possible harbor facilities along said water-front. And the said board are also directed to take into consideration the sanitary effect upon the city of Washington, and the feasibility of reclaiming, in any improvements suggested, the swamp and marsh lands along said water-front: *Provided*, That any expense attending said report shall not exceed one thousand dollars, and shall be paid by the District of Columbia.

To serve without pay.

Their duties.

Expenses.

Approved, March 5, 1872.

Mar. 27, 1872.
Vol. 17, p. 44.

CHAP. 66.—An Act extending the Time for the Completion of the Portage Lake and Lake Superior Ship Canal.

Time for completion of Portage Lake and Lake Superior Ship-Canal extended.

1865, ch. 102.
1866, ch. 161.
1869, Res. 16.
1871, Res. 47.
1873, ch. 323.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That time for the completion of the Portage Lake and Lake Superior Ship Canal be, and the same is hereby, extended to the third day of March, anno Domini eighteen hundred and seventy-three.

Approved, March 27, 1872.

April 26, 1872.
Vol. 17, p. 658.

CHAP. 123.—An Act for the Relief of R. Nelson Gere.

Contract with R. Nelson Gere for breakwater at Oswego, to be cancelled.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, authorized to cancel the contract entered into by R. Nelson Gere, of the city of Syracuse, New York, in the year eighteen hundred and seventy-one, for building a breakwater in the harbor of Oswego, in said State of New York, and to release said Gere therefrom.

Approved, April 26, 1872.

CHAP. 172.—An Act making Appropriations to supply Deficiencies in the Appropriations for the Service of the Government for the fiscal Year ending June thirty, eighteen hundred and seventy-two, and for former Years, and for other Purposes.

May 18, 1872.
Vol. 17, p. 122.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

* * * * *

For completion of the survey of a route for a ship-canal between the Atlantic and Pacific oceans, by the routes of Tehuantepec and Nicaragua, with reports upon the same, twenty thousand dollars; and to complete the survey of the Darien route, five thousand dollars.

Survey of route for ship canal between the Atlantic and Pacific oceans.

* * * * *

SEC. 4. That the appropriation for building a pier at Lewes, Delaware, contained in sections twelve and thirteen of the act approved July fifteen, eighteen hundred and seventy, entitled "An act making appropriations for sundry civil expenses of the government for the year ending June thirty, eighteen hundred and seventy-one, and for other purposes," be, and the same is hereby, continued until June thirty, eighteen hundred and seventy-three.

Appropriation for pier at Lewes, Del., continued.
1870, ch. 292, §§ 12, 13.
1871, ch. 21.
1873, ch. 233, §4.

* * * * *

Approved, May 18, 1872.

CHAP. 186.—An Act to authorize the City of Buffalo, New York, to construct a Tunnel under Niagara River, and to erect and maintain an Inlet-pier therefrom, for the Purpose of supplying the City of Buffalo with pure Water.

May 21, 1872.
Vol. 17, p. 139.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall and may be lawful for the City of Buffalo, in the State of New York, to construct and maintain a tunnel under Black Rock harbor and Niagara river, extending not more than seven hundred feet outside of Bird Island pier, and to erect and maintain an inlet-pier therefrom, said inlet-pier to be located not more than seven hundred feet outside of said Bird Island pier.

City of Buffalo may construct tunnel under Niagara River, &c.

Approved, May 21, 1872.

CHAP. 219.—An Act to authorize the Secretary of War to accept the Peninsula in Lake Erie, opposite the Harbor of Erie, in the State of Pennsylvania.

May 27, 1872.
Vol. 17, p. 162.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, authorized and empowered to receive and accept from the Marine Hospital of Pennsylvania, a corporation duly incorporated by the commonwealth of Pennsylvania, the title to a piece or parcel of land, being the peninsula lying to the northward of and inclosing the bay of Presque Isle, and containing two thousand and twenty-four acres, more or less, to be held by the government of the United States for the protection of the harbor of Erie: *Provided,* That the deed conveying the same shall not be received or accepted until the title to the same

Secretary of War may accept the title to the peninsula in Lake Erie, opposite the harbor of Erie, Pa., if, &c.

is complete and indefeasible, nor unless the acceptance thereof shall be recommended by a board of officers of the corps of engineers appointed by the President.

Approved, May 27, 1872.

June 8, 1872. Vol. 17, p. 679.

CHAP. 372.—An Act for the Relief of Samuel Black and Albert R Cooper.

Payment to Samuel Black and Albert R. Cooper, for work on Louisville and Portland Canal.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Godfrey Weitzel, of the corps of engineers, United States army, and in charge of the improvement of the Louisville canal, is hereby empowered and directed, subject to the approval of the chief of said corps of engineers, to adjust and pay, out of any money appropriated for the improvement of said canal, to Samuel Black and Albert R. Cooper any legal or equitable claim they may have against the United States arising out of their contract to perform work on said improvement of said canal in eighteen hundred and seventy and eighteen hundred and seventy-one: *Provided,*

Limit to amount.

That there shall not be paid to them, in any event, over twenty thousand dollars, nor more under that sum than, together with any sums already paid to them on account of said contract and work, shall be equal to the fair and reasonable value to the government of the work done by them for the government under such contract.

Approved, June 8, 1872.

June 10, 1872. Vol. 17, p. 347.

CHAP. 415.—An Act making Appropriations for sundry civil Expenses of the Government for the fiscal Year ending June thirtieth, eighteen hundred and seventy-three, and for other Purposes.

Appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and seventy-three, viz.:

* * * * *

Miscellaneous objects.— * * *

Arbitration between the United States and the Green Bay, &c., Canal Company.

To enable the Secretary of War to pay the expenses incurred, on the part of the United States, in the arbitration had between the United States and the Green Bay and Mississippi Canal Company, thirteen thousand seven hundred and thirteen dollars and ninety-seven cents.

* * * * *

Approved, June 10, 1872.

June 10, 1872. Vol. 17, p. 370.

CHAP. 416.—An Act making Appropriations for the Repair, Preservation, and Completion of certain public Works on Rivers and Harbors, and for other Purposes.

Appropriations for the repair, &c., of public works on rivers and harbors.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction of the

Secretary of War, for the repair, preservation, and completion of the following public works hereinafter named:

For the improvement of Du Luth harbor, Minnesota, fifty thousand dollars: *Provided*, That no part of said sum shall be expended so as to injure the harbor of Superior City, Wisconsin. Duluth. Proviso.

For the improvement of Superior City harbor, Wisconsin, fifty thousand dollars. Superior City.

For the improvement of Marquette harbor, Michigan, fifty thousand dollars. Marquette.

For the improvement of Menomonee harbor, Michigan and Wisconsin, twenty-five thousand dollars. Menomonee.

For the improvement of Ahnapee harbor, Wisconsin, twenty-five thousand dollars. Ahnapee.

For the improvement of Two Rivers harbor, Wisconsin, twenty-five thousand dollars. Two Rivers.

For the improvement of Sheboygan harbor, Wisconsin, eighteen thousand dollars. Sheboygan.

For the improvement of Port Washington harbor, Wisconsin, fifteen thousand dollars. Port Washington.

For the improvement of Kenosha harbor, Wisconsin, ten thousand dollars. Kenosha.

For the improvement of Chicago harbor, Illinois, ninety thousand dollars. Chicago.

For the improvement of Calumet harbor, Illinois, forty thousand dollars. Calumet.

For the improvement of Michigan City harbor, Indiana, fifty thousand dollars. Michigan City

For the improvement of New Buffalo harbor, Michigan, five thousand dollars. New Buffalo.

For payment to the Green Bay and Mississippi Canal Company, for so much of all and singular its property and rights of property in and to the line of water communication between the Wisconsin river and the mouth of the Fox river, including its locks, dams, canals, and franchises, as were under the act of Congress for the improvement of water communication between the Mississippi river and Lake Michigan by the Wisconsin and Fox rivers, approved July seventh, eighteen hundred and seventy, reported by the Secretary of War to be needed, in his communication to the House of Representatives dated March eighth, eighteen hundred and seventy-two, one hundred and forty-five thousand dollars. Green Bay and Mississippi Canal Company for its property. 1870, ch. 210.

For the improvement of Frankfort harbor, Michigan, ten thousand dollars. Frankfort.

For the improvement of Manistee harbor, Michigan, ten thousand dollars. Manistee.

For the improvement of Pere Marquette harbor, Michigan, ten thousand dollars. Pere Marquette.

For the improvement of Pentwater harbor, Michigan, thirty thousand dollars. Pentwater.

For the improvement of White River harbor, Michigan, ten thousand dollars. White River.

For the improvement of Muskegon harbor, Michigan, ten thousand dollars. Muskegon

Grand Haven. For the improvement of Grand Haven harbor, Michigan, fifteen thousand dollars.

Black Lake. For the improvement of Black Lake harbor, Michigan, ten thousand dollars.

Saugatuck. For the improvement of Saugatuck harbor, Michigan, fifteen thousand dollars.

South Haven. For the improvement of South Haven harbor, Michigan, twelve thousand dollars.

Saint Joseph. For the improvement of Saint Joseph harbor, Michigan, three thousand dollars.

Saint Mary's River and Saint Mary's Fall's Canal. For the improvement of Saint Mary's river and Saint Mary's Falls canal, Michigan, three hundred thousand dollars, of which sum fifteen thousand dollars may be applied to secure the right of way.

Cheboygan. For the improvement of Cheboygan harbor, Michigan, fifteen thousand dollars.

Au Sable River. For the improvement of Au Sable river, Michigan, ten thousand dollars.

Harbor of Refuge. For the improvement of Harbor of Refuge, on Lake Huron, one hundred thousand dollars.

Mouth of Black River. For the improvement of the mouth of Black river, in St. Clair river, Michigan, fifteen thousand dollars.

Saint Clair Flats. For the improvement of Saint Clair flats, Michigan, four thousand dollars.

Toledo. For the improvement of Toledo harbor, Ohio, fifteen thousand dollars.

Sandusky River. For the improvement of Sandusky river, Ohio, ten thousand dollars.

Sandusky City. For the improvement of Sandusky City harbor, Ohio, thirteen thousand dollars.

Ashtabula. For the improvement of Ashtabula harbor, Ohio, fifteen thousand dollars.

Vermillion. For the improvement of Vermillion harbor, Ohio, five thousand dollars.

Erie. For the improvement of Erie harbor, Pennsylvania, fifteen thousand dollars.

Dunkirk. For the improvement of Dunkirk harbor, New York, twenty-five thousand dollars.

Port Clinton. For the improvement of Port Clinton harbor, Ohio, eight thousand dollars.

Rocky River. For the improvement of Rocky River harbor, Ohio, ten thousand dollars.

Maumee River. For the improvement of Maumee river above Toledo, Ohio, seven thousand dollars.

Monroe. For the improvement of Monroe harbor, Michigan, ten thousand dollars.

Buffalo. For the improvement of Buffalo harbor, New York, seventy-five thousand dollars; and the unexpended balance heretofore appropriated for building sea-wall at Buffalo.

Olcott. For the improvement of Olcott harbor, New York, ten thousand dollars.

Oak Orchard. For the improvement of Oak Orchard harbor, New York, two thousand five hundred dollars.

Pultneyville. For the improvement of Pultneyville harbor, New York, ten thousand dollars.

For the improvement of Little Sodus harbor, New York, fifteen thousand dollars. Little Sodus.

For the improvement of Big Sodus harbor, New York, fifteen thousand dollars. Big Sodus.

For the improvement of Oswego harbor, New York, one hundred thousand dollars. Oswego.

For the improvement of Ogdensburgh harbor, New York, ten thousand dollars. Ogdensburgh.

For the improvement of Plattsburgh harbor, New York, ten thousand dollars. Plattsburgh.

For the improvement of Burlington harbor, Vermont, thirty thousand dollars. Burlington.

For the improvement of Otter creek, Vermont, from Vergennes to its outlet on Lake Champlain, ten thousand dollars. Otter Creek.

For dredge and snag boats on the Upper Mississippi river, forty-two thousand dollars. Dredge, &c., boats on Upper Mississippi.

For the improvement of the Minnesota river, Minnesota, ten thousand dollars. Minnesota River.

For the improvement of the Des Moines rapids, Mississippi river, four hundred thousand dollars. Des Moines Rapids.

For the improvement of the Rock Island rapids, Mississippi river, fifty thousand dollars. Rock Island Rapids.

For the preservation of the Falls of Saint Anthony, Minnesota, and the navigation of the Mississippi river above the same, fifty thousand dollars. Falls of Saint Anthony, &c.

For improvement of the Mississippi, Missouri, and Arkansas rivers, ninety thousand dollars; Mississippi, Missouri, &c., Rivers.

For improvement of the Little Missouri river, ten thousand dollars. Little Missouri River.

For improvement of the Ouachita river, in Arkansas, sixty thousand dollars; Ouachita River.

And further improvement of the Ouachita river, in Louisiana, forty thousand dollars.

For the improvement of the Monongahela river between Morgantown and New Geneva, in accordance with the plan submitted by General A. A. Humphreys in his report to the House of Representatives dated February fourteenth, eighteen hundred and seventy-two, twenty-five thousand dollars. Monongahela River.

For the improvement of the Ohio river, and the harbors thereof, including the repair of the Cumberland dam, two hundred thousand dollars. Ohio River.

For the improvement of the Osage river, Missouri, twenty-five thousand dollars. Osage River.

For the improvement of Currant river, Missouri, five thousand dollars. Currant River.

For the continuing the work on the canal at the Falls of the Ohio river, three hundred thousand dollars. And the Secretary of War is hereby directed to report to Congress, at its next session, or sooner, if practicable, the condition of said canal, and the provisions necessary to relieve the same from incumbrance, with a view to such legislation as will render the same free to commerce at the earliest practicable period, subject only to such tolls as may be necessary for the superintendence and repair thereof, which shall not, after the passage of this act, exceed five cents per ton. Canal at Falls of Ohio. Secretary of War to report to Congress thereon.

Mississippi River. For the improvement of the Mississippi river between the mouth of the Illinois river and the mouth of the Missouri river, twenty-five thousand dollars.

For the improvement of the Mississippi river between the mouth of the Missouri river, and the mouth of the Merrimac river, one hundred thousand dollars.

Wabash River. For the improvement of the Wabash river, Indiana, commencing at its mouth, fifty thousand dollars.

Tennessee River. For the continuation of the work now in progress on the Tennessee river, below Chattanooga, including the Muscle shoals, fifty thousand dollars.

For the improvement of the Tennessee river, between Knoxville and Chattanooga, twenty-five thousand dollars.

Cumberland River. For the improvement of Cumberland river, in Tennessee, twenty thousand dollars.

Mouth of Mississippi River. For the improvement of the mouth of the Mississippi river, Louisiana, one hundred and fifty-five thousand dollars.

Tones Bayou. For the improvement of Tones bayou, Louisiana, twenty thousand dollars.

Calcasieu Pass. For improvement of Calcasieu pass, in the State of Louisiana, fifteen thousand dollars.

Galveston Bar and Harbor. For the improvement of bar in Galveston bay, ten thousand dollars, and for improvement of the harbor of Galveston, Texas, thirty-one thousand dollars.

Cypress Bayou. For the improvement of Cypress bayou, near Jefferson, Texas, ten thousand dollars.

Tangipahoa River. For the improvement of the Tangipahoa river, Louisiana, two thousand five hundred dollars.

Red River Raft. For removing the raft in Red river, Louisiana, one hundred and fifty thousand dollars.

Wreck of gunboat Oregon. For removing the wreck of the gunboat Oregon, in the Chifuncte river, Louisiana, six thousand dollars.

Dredging at bar at Cedar Keys. For dredging the bar at the mouth of the harbor of Cedar Keys, Florida, seven thousand five hundred dollars.

Saint John's River. For dredging the bar at the mouth of Saint John's river, Florida, ten thousand dollars.

Mobile Harbor and bay. For the improvement of Mobile harbor and bay, Alabama, seventy-five thousand dollars.

Charleston Harbor. For the improvement of the ship-channel in Charleston harbor, South Carolina, thirty-eight thousand seven hundred dollars.

Ashepoo River. For removing obstructions in Ashepoo river, South Carolina, one thousand three hundred dollars. And the amount of the appropriation made by act of Congress, approved July eleventh, eighteen hundred and seventy, for removing obstructions in Town creek, near Charleston, South Carolina, which remains unexpended, is hereby appropriated to remove wrecks obstructing navigation in Stono river, South Carolina, near Church flats.

1870, ch. 240.

Savannah. For the improvement of Savannah harbor and river, Georgia, fifty thousand dollars.

Baltimore. For the improvement of the entrance to the harbor of Baltimore, in Patapsco river, and Chesapeake bay, one hundred thousand dollars.

For the improvement of the Rappahannock river, below Fredericksburg, Virginia, fifteen thousand dollars. Rappahannock River.

For the improvement of the James river, Virginia, fifty thousand dollars. James River.

For the improvement of the Appomattox river below Petersburgh, Virginia, forty thousand dollars. Appomattox River.

For the improvement of Aquia creek, Virginia, one thousand five hundred dollars. Aquia Creek.

For the improvement of Accotink creek, Virginia, five thousand dollars. Accotink Creek.

For the improvement of the Roanoke river below Weldon, North Carolina, ten thousand dollars. Roanoke River

For the improvement of Cape Fear river, below Wilmington, North Carolina, one hundred thousand dollars. Cape Fear River.

For the improvement of Queenstown harbor, Maryland, six thousand dollars. Queenstown.

For the improvement of Worton harbor, Maryland, twelve thousand dollars. Worton.

For the improvement of Cambridge harbor, Maryland, ten thousand dollars. Cambridge.

For the improvement of Northeast river, Maryland, ten thousand dollars. Northeast River.

For the improvement of the Wicomico river, Maryland, five thousand dollars. Wicomico River.

For clearing and improving the channel of the Schuylkill river from its mouth to the Chestnut-street bridge, Philadelphia, Pennsylvania, forty thousand dollars, of which sum sufficient is to be used for removing the rock between Locust street and the said bridge. Schuylkill River.

For the improvement of Wilmington harbor, Delaware, ten thousand dollars. Wilmington.

For the repair of pier of the ice-harbor at New Castle, Delaware, and for building a new pier at said harbor, twenty-seven thousand dollars. New Castle.

For the improvement of Delaware river, between Trenton and Bordentown, New Jersey, ten thousand dollars. Delaware River.

For the improvement of the Hudson river, New York, forty thousand dollars. Hudson River.

For the removal of obstructions in the East river, New York, including Hell Gate, two hundred and twenty-five thousand dollars. East River.

For the improvement of Providence river, Rhode Island, ten thousand dollars. Providence River.

For the improvement of Pawtucket river, Rhode Island, ten thousand dollars. Pawtucket River.

For the improvement of the Passaic river, between Newark and Passaic, New Jersey, twenty-five thousand dollars. Passaic River.

For the improvement and removal of rocks in Port Chester harbor, New York, twelve thousand dollars. Port Chester.

For the improvement of Roundout harbor, New York, ten thousand dollars. Rondout.

For the improvement of the breakwater at Block island, Rhode Island, fifty thousand dollars. Block Island.

For the improvement of Pawcatuck river, Rhode Island and Connecticut, ten thousand dollars. Pawcatuck.

Thames River. For the improvement of the Thames River, Connecticut, ten thousand dollars.

Connecticut River. For the improvement of the Connecticut river, below Hartford, Connecticut, including Saybrook bar at the mouth of the river, forty thousand dollars.

For the improvement of the Connecticut river on or above Enfield falls and below Holyoke, twenty-five thousand dollars.

New Haven. For the improvement of New Haven harbor, Connecticut, twenty thousand dollars.

Housatonic River. For the improvement of the Housatonic river, Connecticut, fifteen thousand dollars.

Bridgeport. For the improvement of Bridgeport harbor, Connecticut, forty thousand dollars.

Norwalk. For the improvement of Norwalk harbor, Connecticut, between the stone bridge and the railroad drawbridge, ten thousand dollars.

Port Jefferson. For the improvement of Port Jefferson harbor, Long Island, New York, fifteen thousand dollars.

Peconic River. For the improvement of Peconic river, Long Island, New York, ten thousand dollars.

Huntington. For the improvement of Huntington harbor, Long Island, New York, twenty-two thousand five hundred dollars.

Narragangus River. For the improvement of the Narragangus river, Maine, ten thousand dollars.

Sullivan River and Falls. For the improvement of Sullivan river and Sullivan falls, Maine, twenty-five thousand dollars.

Penobscot River. For the improvement of the Penobscot river, Maine, forty thousand dollars.

Kennebec River. For the improvement of the Kennebec river, Maine, eight thousand dollars.

Royals River. For the improvement of Royals river, Maine, ten thousand dollars.

Portland. For the improvement of Portland harbor and Back bay, Maine, forty-five thousand dollars.

Saco River. For the improvement of Saco river, Maine, fifteen thousand dollars.

Richmond's Island. For the improvement of Richmond's Island, Maine, twenty thousand dollars.

Gloucester. For removing rock in Gloucester harbor, Massachusetts, ten thousand dollars.

Boston. For the improvement of Boston harbor, Massachusetts, seventy-five thousand dollars.

Taunton River. For the improvement of Taunton river, Massachusetts, ten thousand dollars.

Plymouth. For the improvement of Plymouth harbor, Massachusetts, two thousand five hundred dollars.

Edgartown. For the improvement of Edgartown harbor, Massachusetts, twenty thousand dollars.

Provincetown. For the improvement of Provincetown harbor, Massachusetts, five thousand dollars.

Wells. For the improvement of Wells harbor, Maine, five thousand dollars.

Wellfleet. For removal of rocks at entrance of Wellfleet harbor, Massachusetts, five thousand dollars.

Merrimac River.

For the improvement of the Merrimac river above Haverhill, Massachusetts, twenty-five thousand dollars.

Duxbury.

For the improvement of Duxbury harbor, Massachusetts, ten thousand dollars.

Wareham.

For the improvement of Wareham harbor, Massachusetts, ten thousand dollars.

Lower Willamette River.

For the improvement of the Lower Willamette river, Oregon, fifty thousand dollars.

Upper Columbia River.

For the improvement of the Upper Columbia river, Oregon, fifty thousand dollars.

San Francisco.

For the removal of Rincon rock, in the harbor of San Francisco, California, fifty thousand dollars.

Wilmington.

For the improvement of the breakwater at Wilmington, California, seventy-five thousand dollars.

Tombigbee River. 1873, chap. 233.

For the improvement of the Tombigbee river, ten thousand dollars.

New Haven.

For removal of rocks at New Haven harbor, Connecticut, fifteen thousand dollars.

Cocheco River.

For improvement of Cocheco river within the town of Dover, New Hampshire, ten thousand dollars.

Black River.

For improvement of Black River harbor, Ohio, twenty thousand dollars.

Surveys, &c., for improvement of rivers and harbors.

For surveys and examinations, with a view to the improvement of rivers and harbors, one hundred and fifty thousand dollars.

Examinations or surveys, or both, to be made at various points.

SEC. 2. That the Secretary of War is hereby directed to cause examinations or surveys, or both, to be made at the following points, namely:

At Keyport harbor, New Jersey; channel between Staten island and New Jersey;

At Cohansey creek, New Jersey;

At Bear creek, Lake Ontario, New York;

At Waddington harbor, New York;

For a breakwater at Rouse's Point, on Lake Champlain, New York;

At Port Austin and Port Crescent, Michigan;

At the mouth of Pensaukie river, Wisconsin;

At Waukegan harbor, Illinois;

The Machias river, Maine;

At Wickford harbor and Newport harbor, Rhode Island;

The east side of Providence river, between Field's point and Fox point, Rode Island;

At Port Orford, Oregon;

At Estero bay, San Louis Obispo county, California;

At the mouths of Nomoni creek and Occoquan river, Virginia;

The bay or sound from Delaware line through Worcester county to Chincoteague inlet, Virginia, with a view to an inlet at or near a place called the Hommacks;

For ship-canal between the waters of Galveston bay and Saline lake, Texas;

Chester river at Kent Island narrows, Maryland;

Saint Francis river, from Greenville down, Missouri;

Gasconade river, Missouri;

Tombigbee river, between Fulton and Columbus, Mississippi;

Harbor of Cedar Keys and channel to same, Florida;
Niantic river, Connecticut;
The bars at the outlet of Sabine pass, Texas;
The Mississippi river between the mouth of the Missouri river and the mouth of the Ohio river;
West end of the pass at and near Blo Buck point, Texas:
The bar at the mouth of Sabine river in Sabine lake, and to extend up the main channel of said river to the town of Belzora;
At the mouth of the Nuches river, in Sabine lake, and to extend up the main channel of said river to the town of Boonville, at the point where the Angelica river falls into the Nuches river, and to extend up the main channel of said river to the town of Pattonia, Texas;
At the mouth of the Trinity river, in Galveston bay, and to extend up the main channel of said river to the town of Magnolia, Texas;
Washington harbor, North Carolina;
Edenton harbor, North Carolina;
Mouth of Mackay's creek, North Carolina;
Chippewa river up to Chippewa falls, Wisconsin;
Harbor at Swanton, Vermont;
Harbor at Galveston, Texas;
At Apalachicola river, from Chattahooche, Florida, to Apalachicola;
At Chattahooche river, from Columbus, Georgia, to Chattahooche, Florida;
At Flint river, from Albany, Georgia, to Chattahooche, Florida;
For survey of breakwater at Milford, Connecticut;
Mouth of Pine river, Michigan;
The harbor of San Diego, California;
Mouth of Grand Calumet river, Indiana;
Great Kanawha river, from the Great falls to the mouth, West Virginia;
To complete the survey of the James river and Kanawha canal;
For survey of Camden harbor, Maine;
For a sea-wall or breakwater at Trinidad harbor, California;
Of the channel and bank at entrance of Salem harbor:
On Merrimack river, Massachusetts, from Haverhill to Newburyport, including Duck Hole and Currier Shoals;
The New river, from the mouth of Greenbrier, in West Virginia, to the lead mines, in Wythe county, Virginia;
At St. Helena bar, in the Columbia river, Oregon;
For survey for the removal of wrecks of gun-boats steamers, and other obstructions placed in Yazoo river during the war, and for the resurvey of Savannah harbor;
The Delware river between Trenton and Easton;
For the survey of the river St. Mary's, in Ohio and Indiana;
For the survey of the Minnesota river above the mouth of the Yellow Medicine, Minnesota.

In examinations or surveys Secretary of War

SEC. 3. That in the examinations or surveys of all points mentioned in the foregoing section, the Secretary of War

be directed to ascertain, as far as practicable, the amount of tonnage of commercial business during the previous year at each point, together with such other facts as bear upon the question of the contemplated improvement, and that he communicate the same, together with his report of the examination or survey of such point, to Congress: *Provided*, That so much of the amount herewith appropriated for the survey of rivers and harbors as is requisite for contingencies, may be used for said purpose.

to ascertain amount of tonnage of commercial business the year previous, &c.

Proviso.

Approved, June 10, 1872.

CHAP. 19.—An Act to provide for the Removal of the sunken Wreck which now obstructs the Channel-way off Sandy Hook.

Jan. 8, 1873. Vol. 17, p. 406.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of fifteen thousand dollars, or so much thereof as may be necessary, be, and the same hereby is, appropriated, to be expended under the direction of the Secretary of War, out of any money in the treasury not otherwise appropriated, for the purpose of removing the sunken wreck which now obstructs the channel-way off Sandy Hook, New York: *Provided*, That nothing herein contained or any action to be had hereunder shall relieve from liability to repay such expenditure any one responsible for said obstruction.

Appropriation for removal of the sunken wreck from the channel-way off Sandy Hook.

Proviso.

Approved, January 8, 1873.

CHAP. 54.—An Act authorizing the Secretary of War to contract for the Construction of a light-draught Snag-boat to ply on the Mississippi, Missouri, and Arkansas Rivers.

Jan. 23, 1873. Vol. 17, p. 418.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and is hereby, authorized to contract for the construction of a light-draught snag-boat to ply on the Mississippi, Missouri, and Arkansas rivers: *Provided*, That said contract shall not require more than twenty-five thousand dollars over and above the amount available for such purpose, to be taken from the next appropriation made for the improvement of said rivers.

Construction of a light-draught snag-boat may be contracted for.

Cost, and from what appropriation.

Approved, January 23, 1873.

CHAP. 69.—An Act for the Relief of Margaret Fillebrown.

Jan. 24, 1873. Vol. 17, p. 717.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury is hereby directed to pay Margaret Fillebrown, the widow of the late Henry C. Fillebrown, who lost his life by being drowned in the Coosa river, in the State of Alabama, while engaged in the service of the United States as an engineer, the salary the said Henry C. Fillebrown would have been entitled to have received, from

Payment to Margaret Fillebrown.

the day of his death, viz.: August eleventh, eighteen hundred and seventy-one, to the end of the fiscal year in which his death occurred, had he remained in said service, being at the rate of two hundred dollars per month.

Approved, January 24, 1873.

Mar. 3, 1873.
Vol. 17, p. 560

CHAP. 233.—An Act making Appropriations for the Repair, Preservation, and Completion of certain public Works on Rivers and Harbors, and for other Purposes.

Appropriations for the repair, &c., of public works on rivers and harbors.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, for the repair, preservation, and completion of the following public works hereinafter named:

Superior and Duluth.

For the purpose of dredging out the bay of Superior from the natural entrance to the docks of Superior and Du Luth and preserving both entrances from the lake thereto, one hundred thousand dollars.

Marquette.

For the improvement of Marquette harbor, Michigan, fifteen thousand dollars.

Menomonee.

For the improvement of Menomonee harbor, Michigan and Wisconsin, twenty-five thousand dollars.

Green Bay.

For the improvement of Green Bay harbor, Wisconsin, twenty thousand dollars.

Two Rivers.

For the improvement of Two Rivers harbor, Wisconsin, twenty-five thousand dollars.

Manitowoc.

For the improvement of Manitowoc harbor, Wisconsin, twenty thousand dollars.

Sheboygan.

For the improvement of Sheboygan harbor, Wisconsin, ten thousand dollars.

Port Washington.

For the improvement of Port Washington harbor, Wisconsin, fifteen thousand dollars.

Milwaukee.

For the improvement of Milwaukee harbor, Wisconsin, ten thousand dollars.

Racine.

For the improvement of Racine harbor, Wisconsin, twenty thousand dollars.

Chicago.

For the improvement of Chicago harbor, Illinois, ninety thousand dollars.

Calumet.

For the improvement of Calumet harbor, Illinois, forty thousand dollars.

Michigan City.

For the improvement of Michigan City harbor, Indiana, fifty thousand dollars.

Fox and Wisconsin Rivers.

For the improvement of the Fox and Wisconsin rivers, three hundred thousand dollars.

Manistee.

For the improvement of Manistee harbor, Michigan, ten thousand dollars.

Ludington.

For the improvement of Ludington harbor, Michigan, twenty-five thousand dollars.

Washington and Georgetown.
1872, ch. 36.
1874, ch. 457.

For the improvement of the harbors of Washington and Georgetown, District of Columbia, fifty thousand dollars.

Great Kanawha River.

For the improvement of Great Kanawha river, West Virginia, twenty-five thousand dollars.

For the improvement of White river harbor, Michigan, seven thousand dollars. White River.

For the improvement of Frankfort harbor, Michigan, ten thousand dollars. Frankfort.

For the improvement of Grand Haven harbor, Michigan, seventy-five thousand dollars. Grand Haven.

For the improvement of Black Lake harbor, Michigan, twelve thousand dollars. Black Lake.

For the improvement of Saugatuck harbor, Michigan, ten thousand dollars. Saugatuck.

For the improvement of South Haven harbor, Michigan, twenty thousand dollars. South Haven.

For the improvement of Monroe harbor, Michigan, fifteen thousand dollars. Monroe.

For the improvement of Cheboygan harbor, Michigan, fifteen thousand dollars. Cheboygan.

For the improvement of Saint Mary's Falls canal, two hundred thousand dollars. Saint Mary's Falls Canal.

For the improvement of Saint Clair river, at the mouth of Black river, fifteen thousand dollars. Saint Clair River.

For the improvement of harbor of Refuge, on Lake Huron, seventy-five thousand dollars. Harbor of refuge on Lake Huron.

For the improvement of Pentwater harbor, Michigan, twenty thousand dollars. Pentwater.

For the improvement of Saint Clair Flats canal, one hundred thousand dollars. Saint Clair Flats Canal.

For the improvement of Toledo harbor, Ohio, one hundred thousand dollars. Toledo.

For the improvement of Sandusky City harbor, Ohio, twenty-five thousand dollars. Sandusky City.

For the improvement of Vermillion harbor, Ohio, twelve thousand dollars. Vermillion.

For the improvement of Black River harbor, Ohio, twenty thousand dollars. Black River.

For the improvement of Cleaveland harbor, Ohio, one thousand dollars. Cleveland.

For the improvement of Ashtabula harbor, Ohio, sixteen thousand dollars. Ashtabula.

For the improvement of Conneaut harbor, Ohio, four hundred dollars. Conneaut.

For the improvement of Dunkirk harbor, New York, forty thousand dollars. Dunkirk.

For the improvement of Buffalo harbor, New York, seventy-five thousand dollars. Buffalo.

For the improvement of Olcott harbor, New York, ten thousand dollars. Olcott.

For the improvement of Oak Orchard harbor, New York, ten thousand dollars. Oak Orchard.

For the improvement of Pultneyville harbor, New York, ten thousand dollars. Pultneyville.

For the improvement of Little Sodus harbor, New York, fifteen thousand dollars. Little Sodus.

For the improvement of Oswego harbor, New York, one hundred thousand dollars. Oswego.

For the improvement of Waddington harbor, New York, ten thousand dollars. Waddington.

Ogdensburgh. For the improvement of Ogdensburgh harbor, New York, six thousand dollars.

Plattsburgh. For the improvement of Plattsburgh harbor, New York, ten thousand dollars.

Swanton. For the improvement of Swanton harbor, Vermont, fifteen thousand dollars.

Mouth of Black River. For the removal of a sand-bar in the harbor at the mouth of Black river, New York, five thousand dollars, or so much thereof as may be necessary.

Peconic River. For the improvement of Peconic river, Long Island, New York, ten thousand dollars.

Burlington. For the improvement of Burlington harbor, Vermont, twenty-five thousand dollars.

Falls of Saint Anthony and Mississippi River. For the preservation of the falls of Saint Anthony, Minnesota, and the navigation of the Mississippi river above the same, fifty thousand dollars.

Minnesota River. Proviso. For the improvement of the Minnesota river, Minnesota, ten thousand dollars: *Provided*, That one half of said sum shall be expended between the mouth of the Yellow Medicine and Minnesota falls on said river.

Lock and dam at Meeker's Island. For construction of the lock and dam on the Mississippi river, at Meeker's Island, Minnesota, according to the surveys and plans of the War Department, twenty-five thousand dollars: *Provided*, That all rights and claims in and to the land-grant made to the State of Minnesota for the above work, by act approved July twenty-third, eighteen hundred and sixty-eight, shall be fully relinquished to the United States before any of this appropriation is expended.

Rights of Minnesota to be first relinquished. 1868, ch. 228.

Upper Mississippi River. For the improvement of the Upper Mississippi river, twenty-five thousand dollars.

Illinois River. For the improvement of the Illinois river, one hundred thousand dollars.

Des Moines Rapids. For the improvement of the Des Moines rapids, Mississippi river, four hundred thousand dollars.

Rock Island Rapids. For the improvement of the Rock Island rapids, Mississippi river, fifty thousand dollars.

Harbor of Refuge, Sturgeon Bay Canal. For the improvement of the harbor of Refuge at the entrance of the Sturgeon Bay canal, forty thousand dollars.

Mississippi, Missouri, and Arkansas Rivers. For the improvement of the Mississippi, Missouri, and Arkansas rivers, one hundred thousand dollars.

Yazoo River. For improvement of Yazoo river, forty thousand dollars.

Tombigbee River. 1872, ch. 416. The ten thousand dollars appropriated at the second session of the Forty-second Congress for the improvement of the Tombigbee river shall be expended in the State of Mississippi.

Osage River. For the improvement of the Osage river, Missouri, twenty-five thousand dollars.

White and Saint Francis Rivers. For the improvement of the White and Saint Francis rivers, fifty thousand dollars.

Ouachita River. For the improvement of the Ouachita river, in Louisiana, sixty thousand dollars.

Mississippi River. For the improvement of the Mississippi river between the mouth of the Missouri river and the mouth of the Ohio river, two hundred thousand dollars.

Ohio River. Godfrey Weitzel to adjust and For the improvement of the Ohio river, two hundred thousand dollars. And that Godfrey Weitzell of the corps

of engineers, United States army, in charge of the Louisville and Portland canal, is hereby empowered and directed, subject to the approval of the chief of engineers of said corps, to adjust and pay, out of any money appropriated for the improvement of said canal, to J. C. Dennis any legal or equitable claims he may have against the United States arising out of work done by him under Hugh McGlincy and Company's contract to perform work on said canal, in the years eighteen hundred and seventy-one and eighteen hundred and seventy-two; and said Godfrey Weitzell is further authorized and directed to pay to said J. C. Dennis, in addition to the amount above provided for, such other sums as said Weitzell shall find that said Dennis is legally or equitably entitled to as assignee of Hugh McGlincy and Company for work done by said Dennis on said improvement: *Provided*, That such sums shall not exceed the amount due and owing by the government of the United States for work done under said contract of Hugh McGlincy and Company, and that the sums thus received of Weitzell shall be in full of the claim of said McGlincy and Company under their contract, and in full of the claim of said Dennis as the assignee of said firm.

pay legal, &c., claims of J. C. Dennis.

Further sums as assignee.

Amount not to exceed what the United States owes under contract with Hugh McGlincy & Co.

For completing the Louisville and Portland canal, one hundred thousand dollars; and the Secretary of the Treasury is authorized and directed to assume, on behalf of the United States, the control and management of the said canal in conformity with the terms of the joint resolution of the legislature of the State of Kentucky, approved March twenty-eight, eighteen hundred and seventy-two, at such time and in such manner as in his judgment the interests of the United States, and the commerce thereof, may require; and the sum of money necessary to enable the Secretary of the Treasury to carry this provision into effect is hereby appropriated: *Provided*, That after the United States shall assume control of said canal, the tolls thereon on vessels propelled by steam shall be reduced to twenty-five cents per ton, and on all other vessels in proportion.

Louisville and Portland Canal; United States to assume the control, &c., of said canal.

Appropriation.

Tolls to be reduced.

For the improvement of the Upper Monongahela river, near Morgantown, West Virginia, sixty-six thousand dollars.

Upper Monongahela River.

For the improvement of the Cumberland river below Nashville, Tennessee, twenty-five thousand dollars.

Cumberland River.

For the improvement of the Wabash river, Indiana and Illinois, fifty thousand dollars.

Wabash River.

For the improvement of the Tennessee river below Chattanooga, including the Muscle shoals, one hundred thousand dollars.

Tennessee River.

For the improvement of the Tennessee river, above Chattanooga, twenty-five thousand dollars.

For the improvement of the mouth of the Mississippi river, one hundred and twenty-five thousand dollars.

Mouth of the Mississippi River.

For removing the raft in Red river, Louisiana, eighty thousand dollars.

Removing raft in Red River.

For the improvement of Cypress bayou, and construction of dams, and dredging at the foot of Soda lake, Texas, fifty thousand dollars.

Cypress Bayou and dams.

Mobile Harbor and Bay. For the improvement of Mobile harbor and bay, Alabama, one hundred thousand dollars.

Charleston. For completing work now in progress in improving Charleston harbor, South Carolina, five thousand dollars.

Savannah Harbor and River. For the improvement of Savannah harbor and river, Georgia, fifty thousand dollars.

Saint John's River. For the improvement of Saint John's river, Florida, ten thousand dollars.

Baltimore. For the improvement of the entrance to the harbor of Baltimore, in Patapsco river and Chesapeake bay, two hundred thousand dollars.

Wicomico River. For the improvement of the Wicomico river, Maryland, five thousand dollars.

Cambridge. For the improvement of Cambridge harbor, Maryland, five thousand dollars.

Chester River. For the improvement of Chester river at Kent Island narrows, Maryland, fifteen thousand dollars.

Aquia Creek. For the improvement of Aquia creek, Virginia, two thousand dollars.

Occoquan River. For the improvement of the mouth of Occoquan river, Virginia, five thousand dollars.

Nomoni Creek. For the improvement of the mouth of Nomoni creek, Virginia, ten thousand dollars.

Rappahannock River. For the improvement of the Rappahannock river below Fredericksburgh, Virginia, fifteen thousand dollars.

James River. For the improvement of the James river, Virginia, seventy-five thousand dollars.

Elizabeth River. For the improvement of the south branch of Elizabeth river, Virginia, fifteen thousand dollars.

Appomattox River. For the improvement of the Appomattox river below Petersburgh, Virginia, thirty thousand dollars.

Nansemond River. For the improvement of Nansemond river, Virginia, fifteen thousand dollars.

Roanoke River. For the improvement of Roanoke river, below Weldon, North Carolina, ten thousand dollars.

Cape Fear River. For the improvement of Cape Fear river below Wilmington, North Carolina, one hundred thousand dollars.

Wilmington, Del. For the improvement of Wilmington harbor, Delaware, six thousand dollars.

Delaware River. For the improvement of the channel of the Delaware river, at Fort Mifflin bar, fifty thousand dollars.

Work not to be commenced until, &c. 1875, ch. 134. For the improvement of the channel of the Delaware river at and near the Horse-Shoe shoals, fifty thousand dollars: the work not to be commenced until an examination and survey has been made by a board of engineers of the United States army, appointed by the Secretary of War, and a favorable report upon the feasibility and expense of the plan adopted for the prevention and removal of the obstructions.

Schuylkill River. For the improvement of the channel of the Schuylkill river, Pennsylvania, forty thousand dollars, of which amount a portion shall be used for commencing the removal of the rocks at and near South street wharf.

Broadkiln River. For the improvement of Broadkiln river, Delaware, ten thousand dollars.

For building an additional pier for the ice-harbor at New Castle, Delaware, twenty thousand dollars. Ice-harbor at New Castle.

For the improvement of South river, New Jersey, five thousand dollars. South River.

For the improvement of the North and South branches of Shrewsbury river, New Jersey, five thousand dollars. Shrewsbury River.

For the improvement of Delaware river between Trenton and Bordentown, New Jersey, fifteen thousand dollars. Delaware River.

For the improvement of Hudson river, New York, forty thousand dollars. Hudson River.

For removing obstructions in East river, New York, including Hell Gate, two hundred and twenty-five thousand dollars. East River and Hell Gate.

For the improvement of Passaic river, New Jersey, twenty-five thousand dollars. Passaic River.

For the improvement of East Chester creek, New York, twenty-five thousand dollars. East Chester Creek.

For the improvement of Rondout harbor, Hudson river, New York, twenty thousand dollars. Rondout.

For the improvement of Pawtucket river, Rhode Island, ten thousand dollars. Pawtucket River.

For the improvement of Providence river, Rhode Island, ten thousand dollars. Providence River.

For dredging at the entrance of Newport harbor, Rhode Island, and for a jettee on the south end of Goat island, eight thousand five hundred dollars. Newport.

For the improvement of Cohansey creek, New Jersey, ten thousand dollars. Cohansey Creek.

For the improvement of harbor at Block island, Rhode Island, fifty thousand dollars. Block Island.

For the improvement of Wickford harbor, Rhode Island, five thousand dollars. Wickford.

For the improvement of Pawcatuck river, Rhode Island and Connecticut, ten thousand dollars. Pawcatuck River.

For the improvement of Connecticut river, below Hartford, Connecticut, twenty thousand dollars. Connecticut River.

For the improvement of Connecticut river above Hartford, and below Enfield falls, twenty thousand dollars.

For the improvement of New Haven harbor, Connecticut, twenty-five thousand dollars. New Haven.

For the improvement of Housatonic river, Connecticut, ten thousand dollars. Housatonic River.

For the improvement of Bridgeport harbor, Connecticut, thirty thousand dollars. Bridgeport.

For the improvement of Norwalk harbor, Connecticut, ten thousand dollars. Norwalk.

For the improvement of Stonington harbor, Connecticut, by deepening and dredging the same and its approaches, twenty-five thousand dollars. Stonington.

For the improvement of Saint Croix river above the "ledge," Maine, ten thousand dollars. Saint Croix River.

For the improvement of Machias river, Maine, twelve thousand dollars. Machias River.

For the improvement of Camden harbor, Maine, ten thousand dollars. Camden.

Penobscot River. For the improvement of Penobscot river, Maine, twenty thousand dollars.

Kennebec River. For the improvement of Kennebec river, Maine, twelve thousand dollars.

Portland. For the improvement of Portland harbor, Maine, fifty thousand dollars.

Richmond Island. For the improvement of Richmond island, Maine, sixty thousand dollars.

Cocheco River. For the improvement of Cocheco river, New Hampshire, ten thousand dollars.

Merrimac River. For the improvement of Merrimac river, Massachusetts, twenty-five thousand dollars.

Boston Harbor and Deer and Lovell's Islands. For the improvement of Boston harbor, Massachusetts, including Deer and Lovell's islands, one hundred and fifty thousand dollars.

Duxbury. For the improvement of the South channel at entrance of Duxbury harbor, Massachusetts, ten thousand dollars.

Plymouth. For the improvement of Plymouth harbor, Massachusetts, three thousand dollars.

Provincetown. For the improvement of Provincetown harbor, Massachusetts, six thousand dollars.

Hyannis. For the improvement of Hyannis harbor, Massachusetts, ten thousand dollars.

Wareham. For the improvement of Wareham harbor, Massachusetts, ten thousand dollars.

Taunton River. For the improvement of Taunton river, Massachusetts, ten thousand dollars.

Salem. For removing sand-bar forming at the entrance of Salem harbor, Massachusetts, fifteen thousand dollars.

Lower Willamette and Columbia Rivers. For the improvement of the Lower Willamette and Columbia rivers, from Portland, Oregon, to the sea, twenty thousand dollars.

Upper Willamette River. For the improvement of the Upper Willamette river, Oregon, three thousand dollars.

Breakwater at Wilmington, Cal. For the improvement of breakwater at Wilmington, California, one hundred and fifty thousand dollars.

Surveys, examinations, &c. For surveys and examinations, and contingencies of rivers and harbors, one hundred and twenty-five thousand dollars.

Examinations or surveys, or both, to be made at various points. SEC. 2. That the Secretary of War is hereby directed to cause examinations or surveys, or both, to be made at the following points, namely:

At the outlet of point Judith lake, Rhode Island;

At Crow shoals, Delaware bay, near Cape May light, New Jersey, for an artificial harbor or breakwater;

Harlem river, near the East river, New York, for removal of rocks therefrom;

Of the piers and connecting bridges at Chester, Pennsylvania;

The Penobscot river, from Oldtown to Medway and vicinity, Maine;

The Galena river, from its mouth to upper bridge in city of Galena, Illinois;

The harbor at Fall River, Massachusetts, for removal of rocks therefrom;

At Wood's hole, in Buzzard's bay, Massachusetts, for removal of rocks therefrom;

Old House channel to main channel of Pamlico sound, North Carolina;

The harbor of Washington, North Carolina;

At bayou Lafourche, Louisiana, from Lafourche crossing to the mouth;

From mouth of Red river down Atchafalaya river to Brashear in Louisiana;

At the entrance of Matagorda bay and the channel to Indianola, Texas;

Pine river, Saint Clair county, Michigan;

Monistique harbor, Lake Michigan;

Sebawing river, Michigan;

Yamhill river, Oregon;

The mouth of the Coquille river, Oregon;

Red river, from Morehead to Pembina;

At the mouth of Kewaunee river, Wisconsin;

At Elk river, Maryland, below Elkton;

At Raritan river, New Jersey, below New Brunswick, including the shoals called the Middle Ground;

The Youghiougheny river, Pennsylvania;

Aroostook river, Maine, for improvement of the channel;

At San Antonio creek, San Francisco bay, California;

Santa Cruz, California;

Estero bay, near Santa Barbara, California.

Extension of Chesapeake and Ohio Canal.

And not to exceed five thousand dollars of the above appropriation may be expended in an exploration of routes for the extension of the Chesapeake and Ohio canal to the Ohio river, by the north and south branches of the Potomac river.

Connecting inland waters along the Gulf of Mexico, from, &c.

For connecting the inland waters along the margin of the Gulf of Mexico, from Donaldsonville, in Louisiana, to the Rio Grande river, in Texas, by cuts and canals, not to exceed twenty thousand dollars of the amount herein appropriated for surveys of rivers and harbors;

At Great Pee Dee River, from Pine Bluff to Cheraw, South Carolina;

At Ashley river, South Carolina;

At Cleveland, Ohio, for the construction of a harbor of refuge;

At Forked Deer river, below Dyersburg, Tennessee;

At harbor at Wilson, on Lake Ontario, New York;

At East Pascagoula harbor, Mississippi sound;

At Portsmouth harbor, New Hampshire, for breakwater between Gerrish's island and Wood island;

In Ipswich bay, Massachusetts, at Hodgkins' cove, to ascertain the practicability of a harbor of refuge by building a breakwater there.

Inquiry and report upon the practicability of bridging the channel between Lake Huron and Lake Erie.

SEC. 3. That the Secretary of War is hereby authorized and required to detail from the engineer corps, one or more engineers, whose duty it shall be to inquire into and report upon the practicability of bridging, consistently with the interests of navigation, the channel between Lake Huron and Lake Erie, at such points as may be needful for the passing of railroad trains across said channel, and also its effect upon the navigation of the same; and further, to inquire into the number and character of the vessels navigating said channel, and the number of trips made by each,

Amount of navigation in channel; extent of spans.

and, if said bridging be practicable, to report what extent of span or spans and elevation above the water will be required in the construction of such bridge or bridges, so as not seriously to injure the navigation of said channel.

Appropriation for pier at Lewes, Del., extended. 1870, ch. 292, § 12. 1871, ch. 21, § 10. 1872, ch. 172, § 4.

SEC. 4. That the appropriation for building the pier at Lewes, Delaware, contained in the act approved July fifteenth, eighteen hundred and seventy, an act entitled "An act making appropriations for sundry civil expenses of the Government for the year ending June thirtieth, eighteen hundred and seventy-one, and for other purposes," be, and the same is hereby, extended until June thirtieth, eighteen hundred and seventy-four.

Approved, March 3, 1873.

Mar. 3, 1873. Vol. 17, p. 606.

CHAP. 278.—An Act for the Protection of Owners of Saw-mills on the Mississippi River.

R. S. 5254.

Owners of saw-mills on the Mississippi River may build cribs to protect their mills and rafts. Amended 1882, ch. 112.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the owners of saw-mills on the Mississippi River be, and they hereby are, authorized and empowered, under the direction of the Secretary of War, to construct or build piers or cribs in front of their mill property on the banks of said river, for the protection of their mills and rafts against damage by floods and ice: *Provided however*, That the piers or cribs so constructed shall not interfere with or obstruct the navigation of said river: *Provided further*, That in case by reason of the shifting of the channel of the said river, or from any other cause, the piers or cribs, the construction of which are authorized by this act shall be found to obstruct the navigation of said river at any time, the government expressly reserves the right to remove, or direct the removal of any such piers or cribs at the cost and expense of the owners thereof.

Navigation not to be obstructed.

Right to remove cribs reserved.

Approved, March 3, 1873.

Mar. 3, 1873. Vol. 17, p. 627.

CHAP. 323.—An Act extending the Time for the Completion of the Portage Lake and Lake Superior Ship Canal.

Time for completing the Portage Lake and Lake Superior Ship-Canal extended. 1865, ch. 102. 1866, ch. 161. 1869, Res. 16. 1871, Res. 47. 1872, ch. 66.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the time for the completion of the Portage Lake and Lake Superior ship canal be and the same is hereby extended to the first day of December, anno Domini eighteen hundred and seventy-three.

Approved, March 3, 1873.

Mar. 3, 1873. Vol. 17, p. 740.

CHAP. 335.—An Act for the relief of Horace Tyler.

Payment to Horace Tyler for work at South-west Pass, Mississippi River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury, out of any money in the treasury not otherwise appropriated, do pay to Horace Tyler, of

New Orleans, of the State of Louisiana, the sum of thirty-four thousand nine hundred and eighty-eight dollars and fifty-three cents, in full satisfaction for all work done by him or by his authority on the bar at the mouth of the southwest pass of the mouth of the Mississippi river, and for all claims under and by virtue of a contract entered into between him and Brevet Lieutenant-Colonel M. D. McAlester, of the date of fifth November, eighteen hundred and sixty-six.

Approved, March 3, 1873.

CHAP. 371.—An Act for the relief of Orville J. Jennings.

Mar. 3, 1873.
Vol. 17, p. 772.

Payment to Orville J. Jennings for work in Dunkirk Harbor, N. Y.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, authorized and directed to pay to Orville J. Jennings, of Fulton, New York, out of any money in the treasury not otherwise appropriated, the sum of eight thousand one hundred and thirty-two dollars and ninety-five cents, in full for work performed in removing what was known as the "debris of the old outer breakwater," in the harbor of Dunkirk, New York, under a contract with Captain F. Harwood, of the engineer corps, United States Army, dated the thirtieth day of December, eighteen hundred and sixty-eight.

Approved, March 3, 1873.

CHAP. 39—An Act to dredge and protect the navigable channel at the mouth of Buffalo River against the sand-bar formed by the gale of December, eighteen hundred and seventy-three.

Feb. 25, 1874.
Vol. 18, pt. 3, p. 18.

Appropriation for dredging channel at mouth of Buffalo River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, the sum of twenty thousand dollars, to be expended by the Secretary of War for the purpose of dredging and protecting the navigable channel at the mouth of Buffalo River, and of removing the sand-bar formed by the great gale of December last at that point, said sum to be available upon the passage of this act.

Approved February 25, 1874.

CHAP. 41.—An Act for the relief of Henry S. Welles.

Feb. 27, 1874.
Vol. 18, pt. 3, p. 532.

Payment to H. S. Welles for expenditures made by him under his contract for improving Savannah River and Harbor.

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, That the Secretary of the Treasury be, and he is hereby, authorized and directed to pay Henry S. Welles one hundred and ninety-three thousand one hundred and thirty-two dollars and ninety-six cents, out of any moneys in the Treasury not otherwise appropriated, for expenditures made by him under his contracts of May first and July fifth, eighteen hundred

and sixty-six, for removing obstructions from the Savannah river, and improving the harbor, prior to the date of the annulment of said contracts by the Secretary of the Treasury, which said sum shall be in full satisfaction to said Welles for all claims referred to in the report and recommendation from the Secretary of War.

Approved, February 27, 1874.

April 3, 1874.
Vol. 18, pt. 3, p. 26.

CHAP. 75.—An Act to improve the mouth of the Mississippi River.

Appropriation for mouth of Mississippi River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there is hereby appropriated, out of any money in the Treasury not otherwise appropriated, the sum of thirty thousand dollars, to be expended by the Secretary of War at the mouth of the Mississippi River; said sum to be available from and after the passage of this act.

Approved, April 3, 1874.

April 23, 1874.
Vol. 18, pt. 3, p. 34.

CHAP. 125.—An Act to provide for the relief of the persons suffering from the overflow of the lower Mississippi River.

Supplies for sufferers by overflow of lower Mississippi River.
1878, ch. 170.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President of the United States be, and he hereby is, authorized and empowered to direct the issue temporarily of supplies of food and disused army clothing, sufficient to prevent starvation and suffering and extreme want to any and all classes of destitute or helpless persons living on or near the lower Mississippi River, who have been rendered so by reason of the present overflow of the Mississippi River.

Expiration of act.

This act shall expire on the first day of September, eighteen hundred and seventy-four.

Approved, April 23, 1874.

May 11, 1874.
Vol. 18, pt. 3, p. 43

CHAP. 165.—An Act providing for the payment of the bonds of the Louisville and Portland Canal Company.

1873, ch. 233.
Appropriation for payment of debts of Louisville and Portland Canal Company continued.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the appropriations made by the act approved March third, eighteen hundred and seventy-three, entitled "An act making appropriations for the repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes," for the payment of the debts of the Louisville and Portland Canal Company, are hereby continued in full force, and are made permanently applicable to the payment of the debts of the said Louisville and Portland Canal Company; and so much as may be necessary shall be applied to the payment of the interest as it accrues, and the principal of the outstanding bonds of the said company as they mature: *Provided, however*, That the Secretary of the Treasury

Purchase of bonds.

may purchase and pay for any of said bonds, at the market price, not above par, whenever he deems it for the interest of the United States.

Secretary of War to take possession.

SEC. 2. That after thirty days from the passage of this act the Secretary of War is hereby authorized and directed to take possession of the said Louisville and Portland Canal, and all the property, real and personal, of said company, as the property of the United States, as provided for by the act of the general assembly of the State of Kentucky, approved February twenty-second, eighteen hundred and forty-four, entitled "An act to amend an act entitled 'An act to amend the charter of the Louisville and Portland Canal Company,' approved January twenty-first, eighteen hundred and forty-two," conceding jurisdiction over said canal to the United States, subject however, to the mortgage-lien on said property in favor of the trustees under said mortgage and the holders of the bonds issued under it; and the Secretary of the Treasury is hereby authorized to pay the directors of said company for the stock held by them, which payment shall be made forthwith by the Secretary of the Treasury, being the sum of one hundred dollars to each director, with interest thereon at six per centum per annum since the ninth day of February, eighteen hundred and sixty-four; and he is authorized and directed to cause a careful and full examination of all the receipts and disbursements of the said company to be made, and to collect, and, if necessary, to sue for, any money due to or held for the said company by the directors of said company, or the trustees under said mortgage, or by any person whatever. And said Secretary of the Treasury is hereby directed and empowered, immediately upon the passage of this act to give public notice in such manner as, in his judgment, will best effect the purpose, to all persons and corporations having debts of any nature against said Louisville and Portland Canal Company, except the bonded debt thereof, to present them to him on or before the first day of July, eighteen hundred and seventy-five; and any such debt not presented on or before said day shall be forever barred. And said Secretary is hereby directed and authorized to examine, audit, and, in his discretion, allow such debts, or any of them, being hereby vested with any power necessary to that end; and he shall embrace his action in the premises in his succeeding annual report: *Provided, however*, That no sum of money shall be paid by the Secretary of the Treasury on account of any claim for either city or State taxes assessed, or to be hereafter assessed, against said company, or against the said canal property, or any of its appendages.

Purchase of certain stock from directors.

Examination of accounts.

Debts due company to be collected.

Debts of company to be presented to Secretary of Treasury on or before July 1, 1875.

Debts to be examined, audited, and allowed.

Report to Congress.

No payment for taxes.

SEC. 3. That the said canal and property appertaining thereto shall be held for the common use and benefit of the people of the United States, free of all tolls and charges except such as are necessary to pay the current expenses of said canal, and to keep the same in repair; and for the present year they shall be at the rate of ten cents per ton capacity on vessels propelled by steam and five cents per ton on other vessels; and to ascertain what rates will pay

Use of canal to be free, except.

Tolls for present year.

Future tolls.

current expenses after the present year, the Secretary of War shall, on the first Monday of January of each year, ascertain from the expenses of the previous year what tolls will probably pay the expenses of the current year; and he shall fix and declare the rate of tolls thus ascertained to be charged for the current year; and, until otherwise provided by law, the Secretary of War shall provide for the superintendence, management, and repair of said canal, and may apply the tolls so received, as far as may be necessary, to pay the current expenses of said canal; and he shall, in his next annual report, set forth such receipts and expenditures and the condition of said canal with a view to such legislation as may be necessary for the superintendence and management thereof; but no expenditure nor contract for expenditure of money shall be made under the authority of this section in any one year to an amount greater than the amount which may be received during such year from tolls on said canal.

Superintendence, &c.

Report to Congress.

Restriction on expenditure.

Trustees of mortgage-bonds may commence proceeding making United States a party.

SEC. 4. That if at any time it become necessary to enforce the lien of the mortgage upon said canal-property for the benefit of the bondholders, it shall be lawful for the trustees named in said mortgage, or any other trustees who may be appointed in pursuance of the laws of Kentucky, to commence proceedings therein in any court having jurisdiction thereof, with notice to the United States as terre tenant pro forma, and serve process upon any officer of the United States who shall have the superintendence of said canal, whose duty it shall be to notify the Attorney-General of the United States of such service; whereupon said Attorney-General shall enter an appearance in said case, and take all necessary steps to represent and defend the interests of the United States in such proceedings, so that the same may be conducted in the same manner and with the like effect as if the said Louisville and Portland Canal Company were still in existence as a corporation.

Approved, May 11, 1874.

May 13, 1874.
Vol. 18, pt. 3, p. 45.

CHAP. 170.—An Act to enable the Secretary of War to carry out the act of April twenty-third, eighteen hundred and seventy-four, entitled "An Act to provide for the relief of the persons suffering from the overflow of the Mississippi River," and for other purposes.

Appropriation for supplies to sufferers from overflow of lower Mississippi River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That to enable the Secretary of War to carry out the provisions of the act approved April twenty-third, eighteen hundred and seventy-four, entitled "An act to provide for the relief of the persons suffering from the overflow of the lower Mississippi River," the sum of ninety thousand dollars is hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the purpose of purchasing supplies of food to be issued under his direction to any and all classes of destitute or helpless persons living on or near the lower Mississippi River, who have been rendered so by reason of

the recent overflow; and that the Secretary of War make detailed report to the Congress of the expenditure under this act.

Secretary of War to make report to Congress.

SEC. 2. That the Secretary of War is directed to issue temporarily of supplies of food and disused army clothing for support and to prevent starvation and extreme want to any and all classes of helpless or destitute persons who have been rendered so by reason of the recent overflow of the Mississippi River, and to make report to Congress of such issue of food and clothing, and the condition and situation of such destitute people, and the sum of one hundred thousand dollars is hereby appropriated, out of any money in the Treasury not otherwise appropriated, for such supplies of food or rations: *Provided*, That the authority hereby conferred upon the Secretary of War shall expire on the first day of September, eighteen hundred and seventy-four.

Issue of food and clothing.

Report to Congress.

Appropriation.

Expiration of act.

Approved, May 13, 1874.

CHAP. 201.—An Act to facilitate the execution of, and to protect certain public works of improvement at the mouth of the Mississippi River.

June 1, 1874.
Vol. 18, pt. 3, p. 50.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That from and after the passage of this act the Secretary of War is directed to assume full control over the particular channel at the mouth of the Mississippi River in course of excavation or improvement by the Government of the United States, so far as may be necessary to the carrying on and protection of such excavation and improvement, and until the same be completed, and he may establish such regulations respecting the use of, or passage through, such channel as he shall deem needful to fully protect the channel and to facilitate the excavation, improvement and use thereof. Such regulations shall be promulgated by publication thereof for ten days consecutively in two daily papers published in New Orleans, Louisiana, and the same may in like manner be changed from time to time; and any person interfering with, or obstructing, or attempting to obstruct the said improvements, and any person who shall willfully or negligently strand or sink any boat or craft in said channel, or who shall willfully, or negligently obstruct said channel, or cause any impairment injury, filling up, or shoaling therein, shall be guilty of a misdemeanor, and, on conviction thereof, shall be punished by a fine not exceeding, five hundred dollars, or imprisonment for not more than six months, or both, in the discretion of the court.

Secretary of War to assume control of channel at mouth of Mississippi River.

May establish regulations.

Promulgation.

Penalty for interference, obstruction, &c.

Approved, June 1, 1874.

CHAP. 328.—An Act making appropriations for the legislative, executive, and judicial expenses of the Government for the year ending June thirtieth, eighteen hundred and seventy-five, and for other purposes.

June 20, 1874.
Vol. 18, pt. 3, p. 85.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the

following sums be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the service of the fiscal year ending June thirtieth, eighteen hundred and seventy-five, for the objects hereinafter expressed, namely:

* * * * *

Unexpended balances of appropriations remaining for two years to be covered into the Treasury.

SEC. 5. That from and after the first day of July, eighteen hundred and seventy-four, and of each year thereafter, the Secretary of the Treasury shall cause all unexpended balances of appropriations which shall have remained upon the books of the Treasury for two fiscal years to be carried to the surplus fund and covered into the Treasury: *Provided*, That this provision shall not apply to permanent specific appropriations, appropriations for rivers and harbors, * * * but the appropriations named in this proviso shall continue available until otherwise ordered by Congress.

Certain specific appropriations excepted.

Appropriations named to continue available until otherwise ordered by Congress.

* * * * *

Existing contracts not affected.

Secretary of the Treasury to report balances, &c., annually to Congress.

And provided further, That this section shall not operate to prevent the fulfillment of contracts existing at the date of the passage of this act; and the Secretary of the Treasury shall, at the beginning of each session, report to Congress, with his annual estimates, any balances of appropriations for specific objects affected by this section that may need to be re-appropriated.

Approved, June 20, 1874.

June 22, 1874.
Vol. 18, pt. 3, p. 199.

CHAP. 411.—An Act to provide for the appointment of a commission of engineers to investigate and report a permanent plan for the reclamation of the alluvial basin of the Mississippi River subject to inundation.

Commission of engineers to examine alluvial basin of the Mississippi River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President be, and he is hereby, authorized and directed to assign three officers of the Corps of Engineers, United States Army, and to appoint two civil engineers eminent in their profession and who are acquainted with the alluvial basin of the Mississippi River, to serve as a board of commissioners; the president of said board to be designated by the President of the United States. It shall be the duty of said commission to make a full report to the President of the best system for the permanent reclamation and redemption of said alluvial basin from inundation, which report the President shall transmit to Congress at its next session with such recommendations as he shall think proper.

Designation of president of the board.

Duty of the commission.

Report to be transmitted to Congress.

Compensation of members appointed from civil life.

Secretary.

Traveling expenses, how paid.

SEC. 2. That the members of the commission who may be appointed from civil life shall receive compensation at the rate of five thousand dollars per annum. The commission may employ a secretary at a rate of compensation not exceeding two hundred dollars per month for the time he is employed, and the necessary traveling expenses of the members of said commission not officers of the Army, and of the secretary, shall be paid upon the approval of bills for the same by the Secretary of War.

Appropriation, how to be disbursed.

SEC. 3. That the sum of twenty-five thousand dollars, or so much thereof as may be necessary to carry into effect the

foregoing provisions is hereby appropriated, and shall be subject to disbursement by the Secretary of War in accordance with the provisions of this act.

Approved, June 22, 1874.

CHAP. 455.—An Act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and seventy-five, and for other purposes.

June 23, 1874
Vol. 18, pt. 3, p. 204.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and seventy-five, namely:

Appropriation for sundry civil expenses for year ending June 30, 1875.

* * * * *

MISCELLANEOUS OBJECTS.

* * * * *

For a resurvey of the Au Sable River, Michigan, and establishing dock-lines, not exceeding one thousand dollars, to be paid for from unexpended balance of appropriation heretofore made for the improvement of said river.

Resurvey of Au Sable River.

* * * * *

Approved, June 23, 1874.

CHAP. 457.—An Act making appropriations for the repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes.

June 23, 1874.
Vol. 18, pt. 3, p. 237.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, for the repair, preservation, and completion of the following public works hereinafter named:

River and harbor appropriations.

For continuing the improvement of the entrance to the inner harbor of Du Luth, ten thousand dollars.

Duluth.

For continuing the improvement of the harbor at Ontonagon, twenty-three thousand dollars.

Ontonagon.

For continuing the improvement of the harbor at Marquette, fifteen thousand dollars.

Marquette.

For continuing the improvement of the Fox and Wisconsin Rivers, three hundred thousand dollars. Not exceeding twenty-five thousand dollars of the above may be used for the purchase of such real estate as may be required for the right of way, or for flowing, in the completion of the Fox and Wisconsin improvement.

Fox and Wisconsin rivers.
Part, how may be used.

For continuing the improvement of the harbor at Green Bay, Wisconsin, ten thousand dollars.

Green Bay.

For continuing the improvement of the harbor at Menomonee, Michigan and Wisconsin, twenty-five thousand dollars.

Menomonee.

Sturgeon Bay Canal. For continuing the improvement of the harbor of refuge at the entrance of the Sturgeon Bay canal, ten thousand dollars.

Two Rivers. For continuing the improvement of the harbor at Two Rivers, Wisconsin, fifteen thousand dollars.

Manitowoc. For continuing the improvement of the harbor at Manitowoc, Wisconsin, ten thousand dollars.

Sheboygan. For continuing the improvement of the harbor at Sheboygan, Wisconsin, ten thousand dollars.

Port Washington. For continuing the improvement of the harbor at Port Washington, Wisconsin, ten thousand dollars.

Racine. For continuing the improvement of the harbor at Racine, Wisconsin, ten thousand dollars.

Kenosha. For continuing the improvement of the harbor at Kenosha, Wisconsin, ten thousand dollars.

Chicago. For continuing the improvement of the harbor at Chicago, seventy-five thousand dollars.

Calumet. For continuing the improvement of the harbor of Calumet, Illinois, twenty-five thousand dollars.

Michigan City. For continuing the improvement of the harbor at Michigan City, Indiana, fifty thousand dollars.

Frankfort. For continuing the improvement of the harbor at Frankfort, Michigan, ten thousand dollars.

Manistee. For continuing the improvement of the harbor at Manistee, Michigan, ten thousand dollars.

Ludington. For continuing the improvement of the harbor at Ludington, Michigan, twenty thousand dollars.

White River. For continuing the improvement of the harbor at White River, Michigan, ten thousand dollars.

Muskegon. For continuing the improvement of the harbor at Muskegon, Michigan, ten thousand dollars.

Grand Haven. For continuing the improvement of the harbor at Grand Haven, Michigan, fifty thousand dollars.

Black Lake. For continuing the improvement of the harbor at Black Lake, Michigan, fifteen thousand dollars.

Saugatuck. For continuing the improvement of the harbor at Saugatuck, Michigan, ten thousand dollars.

South Haven. For continuing the improvement of the harbor at South Haven, Michigan, ten thousand dollars.

Saint Joseph. For continuing the improvement of the harbor at Saint Joseph, Michigan, two thousand dollars.

Saint Mary's River, &c. For continuing the improvement of Saint Mary's River and Saint Mary's Falls Canal, two hundred thousand dollars.

Cheboygan. For continuing the improvement of the harbor at Cheboygan, Michigan, fifteen thousand dollars.

Saint Clair River. For continuing the improvement of the Saint Clair River at the mouth of Black River, fifteen thousand dollars.

Lake Huron. For continuing the improvement of the harbor of refuge, Lake Huron, seventy-five thousand dollars.

Monroe. For continuing the improvement of the harbor at Monroe, Michigan, ten thousand dollars.

Detroit River. For removing bowlders and rock from the Detroit River, partly in Canadian waters, twenty-five thousand dollars.

Toledo. For continuing the improvement of the harbor at Toledo, Ohio, seventy-five thousand dollars.

For continuing the improvement of the harbor at Sandusky City, Ohio, twenty-five thousand dollars. Sandusky City

For continuing the improvement of the harbor at Huron, Ohio, one thousand five hundred dollars. Huron.

For continuing the improvement of the harbor at Vermillion, Ohio, three thousand dollars. Vermillion.

For continuing the improvement of the harbor at Black River, Ohio, twenty thousand dollars. Black River.

For continuing the improvement of the harbor at Cleveland, Ohio, thirty thousand five hundred dollars. Cleveland.

For continuing the improvement of the harbor at Grand River, Ohio, twenty thousand dollars. Grand River.

For continuing the improvement of the harbor at Ashtabula, Ohio, thirty-five thousand dollars. Ashtabula.

For continuing the improvement of the harbor at Conneaut, Ohio, one thousand five hundred dollars. Conneaut.

For preserving and continuing the work upon the pier at Rocky River, Ohio, ten thousand dollars. Rocky River.

For continuing the improvement of the harbor at Dunkirk, New York, thirty-five thousand dollars. Dunkirk.

For the improvement of the harbor at Erie, Pennsylvania, twenty thousand dollars. Erie.

For continuing the improvement of the harbor at Buffalo, New York, seventy-five thousand dollars; and the Secretary of War is authorized to remove and prevent accumulations of sand at the entrance to said harbor, provided the same can be done without expense or liability against the United States. Buffalo.

For continuing the improvement of the harbor at Olcott, New York, ten thousand dollars. Olcott.

For continuing the improvement of the harbor at Oak Orchard, New York, ten thousand dollars. Oak Orchard.

For continuing the improvement of the harbor at Pultneyville, New York, ten thousand dollars. Pultneyville.

For continuing the improvement of the harbor at Great Sodus Bay, New York, fifteen thousand dollars. Great Sodus Bay.

For continuing the improvement of the harbor at Little Sodus Bay, New York, fifteen thousand dollars. Little Sodus Bay.

For continuing the improvement of the harbor at Oswego, New York, seventy-five thousand dollars. Oswego.

For continuing the improvement of the harbor at Waddington, New York, ten thousand dollars. Waddington.

For continuing the improvement of the harbor at Ogdensburgh, New York, six thousand dollars. Ogdensburgh.

For continuing the improvement of the harbor at Plattsburgh, New York, five thousand dollars. Plattsburgh.

For continuing the improvement of the harbor at Burlington, Vermont, twenty-five thousand dollars. Burlington.

For continuing the improvement of the harbor at Swanton, Vermont, eight thousand dollars. Swanton.

For continuing the improvement of the Falls of Saint Anthony and for the improvement of the Mississippi River above the Falls of Saint Anthony, Minnesota, one hundred and fifty thousand dollars; and twenty-five thousand dollars of said amount shall be expended for the improvement of the Mississippi River above the Falls of Saint Anthony. Falls of Saint Anthony. Part to be expended, how.

Minnesota River. For the survey or improvement of the Minnesota River, ten thousand dollars.

Upper Mississippi. For continuing the improvement of the Upper Mississippi River, twenty-five thousand dollars.

Illinois River. For continuing the improvement of the Illinois River, seventy-five thousand dollars.

Des Moines Rapids. For continuing the improvement of the Des Moines Rapids, Mississippi River, four hundred thousand dollars.

Rock Island Rapids. For continuing the improvement of the Rock Island Rapids, Mississippi River, fifty thousand dollars.

Mississippi, Missouri, and Arkansas Rivers. For continuing the improvement of the Mississippi, Missouri, and Arkansas Rivers, one hundred thousand dollars.

White River. For continuing the improvement of the White River above Jacksonport, fifty thousand dollars.

Osage River. For continuing the improvement of the Osage River, Missouri, twenty-five thousand dollars.

Mississippi River. For continuing the improvement of the Mississippi River between the mouths of the Ohio and Illinois Rivers, two hundred thousand dollars; and fifteen thousand dollars of said amount shall be expended between the mouths of the Missouri and Illinois Rivers.

Ohio River. For continuing the improvement of the Ohio River, one hundred and fifty thousand dollars; one-half of which shall be expended above and the other half below the Suspension Bridge between Cincinnati, Ohio, and Covington, Kentucky; forty thousand dollars of the above amount that is to be expended above the Suspension Bridge may, if approved by the Chief of Engineers, be expended in a permanent improvement of navigation at Pittsburgh, Pennsylvania.

Part may be expended, how.

Wabash River. For continuing the improvement of the Wabash River, twenty-five thousand dollars: *Provided*, That a portion of this appropriation, not exceeding nine thousand dollars, may by used by the Secretary of War, in his discretion, for the extinguishment of any right, title, or claim of the Wabash Navigation Company in the lock and dam at Grand Rapids, on said river, and other property said company may claim on said river, and for the extinguishment of any right said company may have to effect or interfere in any way with the navigation of said river; but no part of this appropriation shall be expended until said navigation-company shall have relinquished all right to control or otherwise in any manner interfere with or affect the free navigation of said river.

Part may be used to extinguish claims, &c., of Wabash Navigation Company.

Upper Monongahela River. For continuing the improvement of the Upper Monongahela River near Morgantown West Virginia, twenty-five thousand dollars.

Great Kanawha River. For continuing the improvement of the Great Kanawha River, West Virginia, twenty-five thousand dollars.

Tennessee River. For continuing the improvement of the Tennessee River above Chattanooga, twenty-five thousand dollars; and below Chattanooga, including Muscle Shoals, one hundred thousand dollars.

Mouth of Mississippi. For continuing the improvement of the mouth of the Mississippi River, one hundred and thirty thousand dollars.

Raft in Red River. For removing the raft in Red River, Louisiana, fifty thousand dollars.

For removing obstructions in the Choctawhatchie River, Alabama and Florida, five thousand dollars. Choctawhatchie River.

For continuing the improvement of the harbor of Mobile Alabama, one hundred thousand dollars. Mobile Harbor.

For continuing the improvement of the harbor at Savannah, Georgia, fifty thousand dollars. Savannah.

For the improvement of the Chattahoochee and Flint Rivers, Georgia, twenty-five thousand dollars. Chattahoochee and Flint Rivers.

For continuing the improvement at the mouth of the Saint John's River, Florida, or may be used for dredging out the inside passage between the Saint John's and Nassau Inlet, ten thousand dollars. Saint John's River. Dredging.

For the improvement of the Apalachicola River, Florida, ten thousand dollars. Apalachicola River.

For continuing the improvement of the harbor at Baltimore, Maryland, seventy-five thousand dollars. Baltimore.

For the improvement of Chester River, at Kent Island Narrows, Maryland, five thousand dollars. Chester River.

For continuing the improvement of the Wicomico River, Maryland, five thousand dollars. Wicomico River.

For the improvement of Elk River, Maryland, five thousand dollars. Elk River.

For continuing the improvement at the mouth of the Occoquan River, Virginia, five thousand dollars. Occoquan River.

For continuing the improvement at the mouth of Nomoni Creek, Virginia, six thousand dollars. Nomoni Creek.

For continuing the improvement of the Rappahannock River, Virginia, seven thousand dollars. Rappahannock River.

For continuing the improvement of the James River, Virginia, fifty thousand dollars. James River.

For continuing the improvement of the Appomattox River, Virginia, thirty thousand dollars. Appomattox River.

For continuing the improvement of the south branch of Elizabeth River, Virginia, ten thousand dollars. Elizabeth River.

For continuing the improvement of Nansemond River, Virginia, ten thousand dollars. Nansemond River.

For continuing the improvement of the Roanoke River, North Carolina, five thousand dollars. Roanoke River.

For continuing the improvement of the Cape Fear River, North Carolina, one hundred and fifty thousand dollars. Cape Fear River.

For continuing the improvement of the Delaware River, and channel at Fort Mifflin Bar, fifty thousand dollars. Delaware River, &c.

For continuing the improvement of the Delaware River between Trenton and Bordentown, ten thousand dollars

For the removal of obstructions in the harbor and the construction of a pier at New Castle, Delaware, ten thousand dollars. Pier at New Castle.

For continuing the improvement of the harbor at Wilmington, Delaware, six thousand dollars. Wilmington, Del.

For continuing United States pier in Delaware Bay near Lewes, Delaware, ten thousand dollars. Pier near Lewes.

For continuing the improvement of the Schuylkill River, twenty thousand dollars. Schuylkill River.

For continuing the improvement of the Hudson River, New York, forty thousand dollars; and out of this appropriation the sum of seven thousand four hundred and sixty- Hudson River. Payment to Emory R. Seward.

two dollars may be paid by the Chief of Engineers to Emory R. Seward, in full payment for work done by him in removing the overslaugh rock in the Hudson River, under his contract made in eighteen hundred and seventy.

Passaic River. For continuing the improvement of the Passaic River, New Jersey, twenty thousand dollars.

Hell Gate. For continuing the improvement by removing obstructions in the East and Harlem Rivers at or near Hell Gate, two hundred and twenty-five thousand dollars.

Wareham. For continuing the improvement of the harbor at Wareham, Massachusetts, ten thousand dollars.

For continuing the improvement of the harbor at Hyannis, Massachusetts, five thousand dollars.

Taunton River. For continuing the improvement of the Taunton River, Massachusetts, ten thousand dollars.

Fall River. For the improvement of the harbor at Fall River, Massachusetts, ten thousand dollars.

Block Island breakwater. For continuing the improvement of the breakwater at Block Island, twenty thousand dollars.

Newport. For continuing the improvement of the harbor at Newport, Rhode Island, ten thousand dollars.

Wickford. For continuing the improvement at the harbor at Wickford, Rhode Island, five thousand dollars.

Pawcatuck River. For continuing the improvement of the Pawcatuck River, Rhode Island and Connecticut, ten thousand dollars.

Stonington. For continuing the improvement of the harbor at Stonington, Connecticut, twenty thousand dollars.

Connecticut River. For continuing the improvement of the Connecticut River, below Hartford, Connecticut, twenty thousand dollars.

Housatonic River. For continuing the improvement of the Housatonic River, Connecticut, ten thousand dollars.

Bridgeport. For continuing the improvement of the harbor at Bridgeport, Connecticut, twenty thousand dollars.

Norwalk. For continuing the improvement of the harbor at Norwalk, Connecticut, ten thousand dollars.

Milford. For the improvement of the harbor at Milford, Connecticut, five thousand dollars.

Channel between Staten Island and New Jersey. That the sum of fifty thousand dollars is appropriated for the opening and improving of the channel between Staten Island and New Jersey.

Saint Croix River, Maine. For continuing the improvement of the Saint Croix River, Maine, ten thousand dollars.

Machias River. For continuing the improvement of the Machias River, Maine, ten thousand dollars.

Penobscot River. For continuing the improvement of the Penobscot River, Maine, twenty thousand dollars.

Camden. For continuing the improvement of the harbor at Camden, Maine, ten thousand dollars.

Kennebec River. For continuing the improvement of the Kennebec River, Maine, twelve thousand dollars.

Portland, Me. For continuing the improvement of the harbor at Portland, Maine, twenty thousand dollars.

Cocheco River. For continuing the improvement of the Cocheco River, New Hampshire, ten thousand dollars.

For continuing the improvement of the Merrimack River, Massachusetts, ten thousand dollars. Merrimac River.

For continuing the improvement of the entrance of Salem Harbor, Massachusetts, ten thousand dollars. Salem Harbor.

For continuing the improvement of the harbor at Boston Massachusetts, one hundred thousand dollars. Boston.

For continuing the improvement of the harbor at Plymouth, Massachusetts, and for dredging, five thousand dollars. Plymouth.

For continuing the improvement of the harbor at Provincetown, Massachusetts, six thousand dollars. Provincetown.

For continuing the improvement of the Lower Willamette and Columbia Rivers, from Portland, Oregon, to the sea, twenty thousand dollars. Lower Willamette and Columbia Rivers.

For continuing the improvement of the Upper Willamette River, Oregon, seven thousand five hundred dollars. Upper Willamette River.

For continuing the improvement of the Upper Columbia River, twenty thousand dollars. Upper Columbia River.

For continuing the improvement of the harbor at Galveston, Texas, sixty thousand dollars. Galveston.

For removing wrecks and rocks off the harbor of San Francisco, California, twenty-five thousand dollars. San Francisco.

For the improvement of Oakland Harbor, one hundred thousand dollars. Oakland.

For continuing the improvement of the harbor at Milwaukee, Wisconsin, ten thousand dollars. Milwaukee.

For continuing the improvement of Saginaw River Michigan, fifteen thousand dollars. Saginaw River.

That the appropriation under the act of March third, eighteen hundred and seventy-three, for the improvement of the harbors of Washington and Georgetown be made to apply to dredging the Virginia or Georgetown channel of the Potomac River above and below Long Bridge, and that the earth excavated therefrom be deposited so as to carry out as far as practicable the plan for improving the harbors of Washington and Georgetown, in accordance with the recommendation made to Congress December seventeenth, eighteen hundred and seventy-two, by a board of survey created by act of Congress approved March fifth, eighteen hundred and seventy-two. Improvement of Georgetown channel. 1873, ch. 233. 1872, ch. 36.

For surveys and estimates for the improvements recommended by the Senate Select Committee on Transportation-Routes to the Seaboard, upon the four routes indicated in the report of said committee, and also upon a route from the mouth of the Youghiogheny River, to continue the slack-water navigation up said river to its head-waters at the foot of the Alleghany Mountains, thence by canal to Cumberland, intersecting there the Chesapeake and Ohio Canal, two hundred thousand dollars, or so much thereof as may be necessary, to be expended under the direction of the Secretary of War in such manner as, in his judgment, will secure the greatest amount of exact information for each of said routes. Survey, &c., of transportation-routes to seaboard.

For the improvement of the harbor at Charleston, South Carolina, eighteen thousand dollars. Charleston.

For examinations and surveys of rivers and harbors, and for incidental repairs at harbors for which there is no special appropriation, seventy-five thousand dollars. Examinations, &c., and incidental repairs.

Secretary of War to cause examinations and surveys to be made at certain points.

SEC. 2. That the Secretary of War is hereby directed to cause examinations or surveys, or both, to be made at the following points, namely:

Harbor of New Bedford, Massachusetts.

Cascades and Dalles of the Columbia River, Oregon, and Washington Territories, for the purpose of ascertaining the practicability and cost of constructing canals and locks at such points.

Skaget River, for removing jams, Washington Territory.

Yam Hill River, Oregon, for removing rocks and sand bars.

Snohomish River, for removing Jams, Washington Territory.

Chehallis River, for removing jams, Washington Territory

Tennessee River, above the mouth of Holston River to the Chilhowee Mountains, Tennessee

Hiawassee River, below Benton, Tennessee

Urbanna Creek, Virginia, below Urbanna.

Black Warrior River, below the mouth of Locust Fork, Alabama.

Cahaba River, below Centreville, Alabama.

Nantucket Harbor Bar, Massachusetts.

Lamprey River, below Newmarket, New Hampshire.

Exeter River, below Exeter, New Hampshire.

Minnesota River, for further examination for improvement by canals, locks and dams.

Oconee River, from the Ocmulgee to Milledgeville, Georgia.

Chickahominy River, Virginia.

Hampton River, Virginia

Wolf Lake Cut, Indiana.

Snake River, Idaho, from Shoshonee Falls to Lewiston, examination and estimates for removing bowlders and other obstructions.

Sacramento River, below Tehama, California.

Feather River, below Marysville California.

Lake Winnipiseogee, for placing buoys on obstructions, New Hampshire.

Smutty Nose Island, as to repair breakwater, Portsmouth, New Hampshire.

Pagan Creek, Virginia.

New River, from the lead-mines in Wythe County, Virginia, to the "Mouth of Wilson" in Grayson County, Virginia.

The Little Kanawha River, below Bull Town.

Chippewa River, below Chippewa Falls, Wisconsin.

Dakota River, between Southern Dakota Railroad and Northern Pacific Railroad, Dakota Territory.

Tombigbee River, by way of Big Bear Creek, to the Tennessee to connect water communication.

Estuary in Santa Barbara Channel, about two miles north of Point Muger, California.

Cleveland breakwater, new estimate for four fathoms water, Ohio.

San Joaquin River, below Stockton, California

Guyandotte River, below Logan Court House, West Virginia.

Cedar Bayou Bar; and ten thousand dollars are hereby appropriated for the improvement of Red Fish Bar, in Galveston Bay, Texas.

Withlacooche River, from mouth of Ocopilco River, Georgia.

Ochalochnee River, below Atlantic and Gulf Railroad, Georgia.

Red River, at Alexandria, Louisiana.

Harlem River, from Randall's Island, by way of Spuyten Duyvil Creek, to Hudson River, New York.

Blackwater River, Virginia.

Mouth of Kennebunk River, Maine.

Brazos River, below Waco, including the bar at its mouth.

Guadalupe River, below Gonzales, Texas.

St. Croix River, below St. Croix Falls, in Minnesota and Wisconsin.

The Red River of the North from Breckenridge to Moorhead.

Big Sandy River, below Piketon, Kentucky.

Twelve Pole River, below Wayne Court House, West Virginia.

Harbor of Hingham, Massachusetts, with reference to removal of obstructions.

Sebawaing River, Michigan, for entrance, with eight feet water.

Mouth of Saginaw River, Michigan.

French Broad River, North Carolina, from Brevard to Buncombe County line.

Big Sandy River, from its mouth to Piketon, and to Warfield, in Kentucky.

Rock Castle River, Kentucky, from the foot of the narrows at Graham's Mills, to its mouth.

Smith's Shoals, in the Cumberland River, Kentucky.

Inside passage, between Fernandina and St. John's River, known as Nassau River, Florida.

Grand Marias Harbor, Lake Superior, Minnesota.

Pamunkey River, Virginia.

Mataponi River, Virginia.

Little Wicomico River, Virginia.

Totuskee River, Virginia, below the bridge.

Survey of Harbor of Crisfield, Somerset County, Maryland, with a view of removing obstructions.

Harbor of Leonardtown, Britton Bay, Potomac River, Maryland, with a view to remove obstructions.

Harbor of Norfolk, Virginia.

Board of engineers to survey mouth of Mississippi River. Duties of board.

SEC. 3. That a board of engineers, to be composed of three from the Army, one from the Coast Survey, and three from civil life, be appointed by the President; which said board shall make a survey of the mouth of the Mississippi River, with a view to determine the best method of obtaining and maintaining a depth of water sufficient for the purposes of commerce, either by a canal from said river to the waters of the Gulf, or by deepening one or more of the nat-

ural outlets of said river; and said board shall make a full and detailed estimate and statement of the cost of each of said plans, and shall report the same, together with their opinion thereon, showing which of all said plans they deem preferable, giving their reasons therefor, to the Secretary of War, to be presented at the commencement of the second session of the Forty-third Congress; and that the sum of twenty-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated, out of any funds in the Treasury not otherwise appropriated, to defray the cost of said survey.

Report to Secretary of War for presentation to Congress.

Approved, June 23, 1874.

June 23, 1874. Vol. 18, pt. 3, p. 250.

CHAP. 460.—An Act to provide for the improvement of the Oostenaula River, in the State of Georgia.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of ten thousand dollars be, and the same is hereby, appropriated out of the money in the treasury of the United States, for the improvement of the Oostenaula River, in the State of Georgia.

Appropriation for improvement of Oostenaula River.

Approved, June 23, 1874.

Mar. 3, 1875. Vol. 18, pt. 3, p. 456.

CHAP. 134.—An Act making appropriations for the repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the Secretary of War, for the repair, preservation, and completion of the following public works hereinafter named:

River and harbor appropriations.

Duluth. For dredging the inside harbor at Duluth, thirty five thousand dollars.

Ontonagon. For the improvement of the harbor at Ontonagon, twenty-five thousand dollars.

Eagle. For the improvement of Eagle Harbor, ten thousand dollars.

Marquette. For the improvement of the harbor at Marquette, fifteen thousand dollars.

Fox and Wisconsin Rivers. For the improvement of the Fox and Wisconsin Rivers, five hundred thousand dollars.

Green Bay. For the improvement of the harbor at Green Bay, ten thousand dollars.

Menomonee. For the improvement of the harbor at Menomonee, twenty-five thousand dollars.

Ahnapee. For the improvement of the harbor at Ahnapee, Wisconsin, twenty-five thousand dollars.

Two Rivers. For the improvement of the harbor at Two Rivers, Wisconsin fifteen thousand dollars.

Manitowoc. For the improvement of the harbor at Manitowoc, Wisconsin, ten thousand dollars.

For the improvement of the harbor at Sheboygan Wisconsin, ten thousand dollars. Sheboygan.

For the improvement of the harbor at Port Washington, Wisconsin, ten thousand dollars Port Washington.

For the improvement of the harbor at Milwaukee, twenty-five thousand dollars. Milwaukee.

For the improvement of the harbor at Racine, Wisconsin ten thousand dollars. Racine.

For the improvement of the harbor at Kenosha, Wisconsin fifteen thousand dollars. Kenosha.

For the improvement of the harbor at Chicago, Illinois seventy-eight thousand dollars. Chicago.

For the improvement of the harbor at Calumet, Illinois, twenty-five thousand dollars. Calumet.

For the improvement of the harbor at Michigan City, Indiana fifty thousand dollars. Michigan City

For the improvement of the harbor at Frankfort, Michigan, ten thousand dollars. Frankfort.

For the improvement of the harbor at Manistee, Michigan, twenty-five thousand dollars. Manistee.

For the improvement of the harbor at Ludington, Michigan ten thousand dollars. Ludington.

For the improvement of the harbor at White River, Michigan ten thousand dollars. White River.

For the improvement of the harbor at Muskegon, Michigan twenty-five thousand dollars. Muskegon.

For the improvement of the harbor at Black Lake, Michigan fifteen thousand dollars. Black Lake.

For the improvement of the harbor at Saugatuck Michigan, ten thousand dollars. Saugatuck.

For the improvement of the harbor at South Haven, Michigan, ten thousand dollars. South Haven.

For the improvement of Saint Mary's River and Saint Mary's Falls Canal, two hundred thousand dollars: of which sum not to exceed forty thousand dollars may be used in the settlement of such claims of the contractors, Barker Williams and Bangs, and Barker and Williams, for damages and delays in the time of commencing work on said canal during the existence of their contracts, as the Secretary of War, on the report of the Engineer Department, shall judge to be just and equitable. Saint Mary's River, &c.; part, how may be used. Barker, Williams and Bangs, and Barker and Williams.

For the improvement of the harbor at Cheboygan Michigan fifteen thousand dollars. Cheboygan.

For the improvement of Saint Clair River, at the mouth of Black River, Michigan, ten thousand dollars. Saint Clair River.

For the improvement of the Harbor of Refuge, Lake Huron, one hundred thousand dollars. Lake Huron, harbor of refuge.

For the improvement of the harbor at Monroe, Michigan, ten thousand dollars. Monroe.

For the improvement of Saginaw River, Michigan, thirty thousand dollars. Saginaw River

For the improvement of the harbor at Toledo, Ohio, seventy-five thousand dollars Toledo.

For the improvement of the harbor at Sandusky City, Ohio, twenty-five thousand dollars. Sandusky City.

Huron. For the improvement of the harbor at Huron, Ohio, one thousand dollars.

Vermillion. For the improvement of the harbor at Vermillion, Ohio, ten thousand dollars.

Black River. For the improvement of the harbor at Black River, Ohio, ten thousand dollars.

Grand River. For the improvement of the harbor at Grand River, Ohio, fifteen thousand dollars.

Ashtabula. For the improvement of the harbor at Ashtabula, Ohio, twenty-five thousand dollars.

Conneaut. For the improvement of the harbor at Conneaut, Ohio, one thousand dollars.

Erie. For the improvement of the harbor at Erie, Pennsylvania, eighty thousand dollars.

Port Clinton. For the improvement of the harbor at Port Clinton, Ohio, five thousand dollars.

Rocky River. For the improvement of the harbor at Rocky River, Ohio, fifteen thousand dollars.

Dunkirk. For the improvement of the harbor at Dunkirk, New York thirty-five thousand dollars.

Hudson River. For dredging the mud bars in the Hudson River in front of Jersey City, twenty-five thousand dollars.

Buffalo; part, how may be used. For the improvement of the harbor at Buffalo. New York one hundred thousand dollars; and out of this appropriation the Chief of Engineers may pay Daniel E. Bailey, the sum of twenty-three thousand two hundred and eighty-seven dollars and seventy-six cents for work done by him upon such improvement in eighteen hundred and seventy-three and eighteen hundred and seventy-four, and for which he has not been paid, in full satisfaction thereof.

Dan'l E. Bailey.

Olcott. For the improvement of the harbor at Olcutt, New York ten thousand dollars.

Oak Orchard. For the improvement of the harbor at Oak Orchard, New York, ten thousand dollars.

Pier at New Castle. For the construction of an additional pier in the ice harbor at New Castle, Delaware, twenty thousand dollars.

Pier at Lewes, Del. For the continuation of the construction of the United States pier at Lewes, Delaware, twenty-five thousand dollars.

Charlotte. For the improvement of the harbor at Charlotte, New York, five thousand dollars.

Crisfield. For the improvement of the harbor at Cristfield, Maryland, thirty-seven thousand three hundred and seventeen dollars and fifty cents.

Pultneyville. For the improvement of the harbor of Pultneyville New York, ten thousand dollars

Great Sodus Bay. For the improvement of the harbor at Great Sodus Bay, New York, ten thousand dollars.

Little Sodus Bay. For the improvement of the harbor at Little Sodus Bay, New York, ten thousand dollars.

Oswego. For the improvement of the harbor at Oswego, New York, ninety thousand dollars.

Ogdensburgh. For the improvement at the harbor at Ogdensburgh, New York, five thousand dollars.

Burlington. For the improvement of the harbor at Burlington, Vermont twenty-five thousand dollars.

For the improvement of the harbor at Swanton, Vermont ten thousand dollars. Swanton.

For the improvement of Otter Creek, Vermont, five thousand dollars. Otter Creek.

For the improvement of the Falls of Saint Anthony, Minnesota, one hundred thousand dollars; and twenty-five thousand dollars of said amount may be expended for the improvement of the Mississippi River above the Falls of Saint Anthony. Falls of Saint Anthony. Part to be expended, how.

For the improvement of the Minnesota River, ten thousand dollars. Minnesota River.

For the improvement of the Upper Mississippi River twenty-five thousand dollars. Upper Mississippi River.

For the improvement of the Illinois River, seventy-five thousand dollars. Illinois River.

For the improvement of the Des Moines Rapids, Mississippi River, four hundred and eighty thousand dollars. Des Moines Rapids.

For the improvement of the Rock Island Rapids, Mississippi River, fifty thousand dollars. Rock Island Rapids.

For the improvement of the Mississippi, Missouri, and Arkansas Rivers, one hundred thousand dollars. Mississippi, Missouri, and Arkansas Rivers.

For the improvement of the Mississippi River, between the mouths of the Illinois and Ohio Rivers, two hundred thousand dollars: fifteen thousand dollars of said amount shall be expended between the mouths of the Illinois and Missouri Rivers; and fifteen thousand dollars of said amount may be expended at Liberty Bar. Mississipp River, between mouths of Illinois and Ohio; how portion to be expended.

For completing the improvement of the Falls of the Ohio River and Louisville Canal, one hundred thousand dollars. Falls of Ohio, and Louisville, Canal.

For the improvement of the Ohio River, three hundred thousand dollars; that one hundred thousand dollars of this amount shall be used for and applied toward the construction of a "movable dam," or a dam with adjustable gates for the purpose of testing substantially the best method of improving permanently the navigation of the Ohio River and its tributaries; the location of this work with the plan of construction and the application of the amount hereby appropriated to be submitted to the Secretary of War, for his approval. Ohio River; how part to be used.

For the improvement of the Wabash River, forty thousand dollars. Wabash River.

For the improvement of the Upper Monongahela River, near Morgantown, West Virginia, twenty-two thousand dollars. Upper Monongahela River.

For the improvement of the Great Kanawha River, West Virginia, three hundred thousand dollars. Great Kanawha River.

For the improvement of the Tennessee River, above Chattanooga, forty thousand dollars, and below Chattanooga, including the Muscle Shoals, three hundred and sixty thousand dollars. Tennessee River.

For the improvement of the Cumberland River, below Nashville, twenty-five thousand dollars. Cumberland River.

For the improvement of the Yazoo River, twelve thousand dollars. Yazoo River.

For the improvement of the mouth of the Mississippi River, two hundred and fifty thousand dollars, *provided:* Mouth of Mississippi.

When appropriation shall cease to be available.

That this appropriation shall cease to be available when its necessity is superseded by any other work of improvement authorized by law.

Red Fish Bar.

For the improvement of Red Fish Bar, in Galveston Bay, Texas, ten thousand two hundred dollars.

Raft in Red River.

For removing the Raft in Red River, twenty thousand dollars.

Mobile.

For the improvement of the harbor at Mobile, Alabama, twenty-six thousand dollars.

Cedar Keys.

For the improvement of the harbor at Cedar Keys, Florida, fifteen thousand dollars.

Chattahoochee and Flint Rivers.

For the improvement of the Chattahooche and Flint River, Georgia, twenty-five thousand dollars.

Appalachicola River.

For the improvement of the Apalachicola River, Florida, ten thousand dollars

Choctawhatchee River.

For the improvement of the Choctawhatchie River, Florida and Alabama, five thousand dollars.

Charleston.

For the improvement of the harbor at Charleston, South Carolina, ten thousand dollars.

Savannah.

For the improvement of the harbor at Savannah, Georgia, seventy thousand dollars.

Oostenaula and Cooosawattee Rivers.

For the improvement of the Oostanoola and Coosawattee Rivers, Georgia, five thousand dollars.

Elk River.

For the improvement of Elk River, Maryland, five thousand dollars.

Baltimore.

For the improvement of the harbor at Baltimore, Maryland, seventy-five thousand dollars.

Wicomico River.

For the improvement of the Wicomico River, Maryland, five thousand dollars.

Occoquan River.

For the improvement of Occoquan River, Virginia, five thousand dollars.

Aquia Creek.

For the improvement of Aquia Creek, Virginia, two thousand dollars.

Mouth of Nomini.

For the improvement of the mouth of Nomini, Virginia, five thousand dollars.

Rappahannock River.

For the improvement of the Rappahannock River, Virginia, five thousand dollars.

James River.

For the improvement of the James River, Virginia, fifty thousand dollars.

Elizabeth River.

For the improvement of the South Branch of Elizabeth River, Virginia, five thousand dollars.

Nansemond River.

For the improvement of the Nansemond River, Virginia, five thousand dollars.

Appomattox River.

For the improvement of the Appomattox River, Virginia, thirty thousand dollars.

Cape Fear River.

For the improvement of Cape Fear River, North Carolina, one hundred and fifty thousand dollars.

Pier near Lewes.

For constructing United States Pier in Delaware Bay, near Lewes, Delaware, fifteen thousand dollars.

Delaware River.

For the improvement of Delaware River at Fort Mifflin Bar, twenty thousand dollars; and that any unexpended balance of the amount mentioned in the act making appropriations for the repair, preservation, and so forth, of certain public works, and so forth, approved March third, eighteen hundred and seventy-three, for the improvement of the channel of the Delaware River, at and near the

Unexpended balance appropriated.

1873, ch. 233.

Horse Shoe Shoals, be, and is hereby, appropriated, to be expended for the improvement of said river, at such places between Petty's Island and its mouth as the Chief of Engineers of the Army may order and direct.

For the improvement of the Delaware River, New Jersey, between Trenton and White Hill, ten thousand dollars. Delaware River.

For the improvement of the harbor at Wilmington, Delaware, ten thousand dollars. Wilmington.

For the improvement of the Schuylkill River, twenty thousand dollars. Schuylkill River.

For the improvement of the Hudson River, New York, forty thousand dollars. Hudson River.

For the improvement of the Passaic River, New Jersey, twenty thousand dollars. Passaic River.

For removing obstructions in the East River and Hell Gate, New York, two hundred and fifty thousand dollars. East River and Hell Gate.

For the improvement of the East Chester Creek, New York, twelve thousand dollars. East Chester Creek.

For a harbor at Fort Jefferson, New York, fifteen thousand dollars. Port Jefferson.

For the improvement of the harbor at Wareham, Massachusetts, ten thousand dollars. Wareham.

For the improvement of Taunton River, Massachusetts, ten thousand dollars. Taunton River.

For the improvement of the harbor at Fall River, Massachusetts, ten thousand dollars. Fall River.

For the improvement of the breakwater at Block Island, Rhode Island, twenty thousand dollars. Block Island breakwater.

For the improvement of the harbor at Newport, Rhode Island, ten thousand dollars. Newport.

For the improvement of Pawcatuck River, Rhode Island and Connecticut, ten thousand dollars. Pawcatuck River.

For the improvement of the harbor at Stonington, Connecticut, twenty-five thousand dollars. Stonington.

For the improvement of the Connecticut River, below Hartford, Connecticut, twenty thousand dollars. Connecticut River.

For the improvement of the harbor at Milford, Connecticut, thirteen thousand dollars. Milford.

For the improvement of the Housatonic River, Connecticut, five thousand dollars. Housatonic River.

For the improvement of the harbor at Bridgeport, Connecticut, fifteen thousand dollars. Bridgeport.

For the improvement of the harbor at Norwalk, Connecticut, seven thousand dollars. Norwalk.

For the improvement of the Machias River, Maine, ten thousand dollars. Machias River.

For the improvement of the harbor at New Haven, Connecticut, ten thousand dollars. New Haven.

For the improvement of the Penobscot River, Maine, twenty-five thousand dollars; and out of this appropriation ten thousand dollars shall be expended at or near Bucksport Narrows. Penobscot River.

For the improvement of the harbor at Camden, Maine, ten thousand dollars. Camden.

For the improvement of the Kennebec River, Maine, fifteen thousand dollars. Kennebec River.

Portland, Me. For the improvement of the harbor at Portland, Maine, twenty thousand dollars.

Richmond Island. For the improvement at Richmond Island, Maine, fifteen thousand dollars

Cocheco. For the improvement of the Cochico River, New Hampshire, twenty-five thousand dollars

Merrimac River. For the improvement of the Merrimack River, Massachusetts, twelve thousand dollars.

Boston Harbor. For the improvement of Boston Harbor, Massachusetts, one hundred thousand dollars; ten thousand dollars of said amount may be expended for the improvement of Hingham Harbor.

Hingham Harbor.

Plymouth. For the improvement of the harbor at Plymouth, Massachusetts, ten thousand dollars.

Provincetown. For the improvement of the harbor at Provincetown, Massachusetts, five thousand dollars

Lower Willamette and Columbia Rivers. For the improvement of the Lower Willamette and Columbia Rivers, from Portland, Oregon, to the sea twenty thousand dollars.

Upper Willamette River. For the improvement of the Upper Willamette River, Oregon, twenty-five thousand dollars.

Upper Columbia River. For the improvement of the Upper Columbia River, thirty-five thousand dollars.

Breakwater at Wilmington. For the improvement of the breakwater at Wilmington, California, thirty thousand dollars.

Oakland. For the improvement of Oakland Harbor, California, one hundred thousand dollars.

San Diego. For the improvement of the harbor at San Diego, California, eighty thousand dollars.

Breakwater at Cleveland. For a breakwater in five fathoms of water, to protect the commerce of Cleveland, Ohio, fifty thousand dollars.

Galveston. For the improvement of the harbor at Galveston, Texas, one hundred and fifty thousand dollars.

Sebawaing River. For the improvement of the Sebawaing River, Michigan, eight thousand dollars.

Pine and Saint Clair Rivers. For dredging the bar at the junction of Pine and Saint Clair Rivers, Michigan, five thousand dollars.

New Bedford. For the improvement of the harbor at New Bedford, Massachusetts, ten thousand dollars

Wilson. For the improvement of the harbor at Wilson, New York, ten thousand dollars.

Sacramento and Feather Rivers. For the improvement of the Sacramento and Feather Rivers, California, fifteen thousand dollars.

Ship-channel in Galveston Bay. For the improvement of the ship-channel between the mouth of San Jacinto River, to Bolivar Channel, in Galveston Bay, Texas, twenty-five thousand dollars.

Sabine Pass. For the improvement of Sabine Pass, Texas, twenty thousand dollars.

Harlem River. For the improvement of the Harlem River, New York, ten thousand dollars.

Saint Joseph. For the improvement of the harbor and river at Saint Joseph's, Michigan, thirty-five thousand dollars.

Warrior and Tombigbee Rivers. For the improvement of the Warrior and Tombigbee Rivers, Alabama, below Tuscaloosa and Demopolis, twenty-five thousand dollars, in addition to any unexpended balance remaining from the appropriation for the harbor of Mobile, hereby transferred to this improvement.

For the repair of the breakwater and piers at the harbor of Southport, Connecticut, five thousand dollars. Southport.

For completing the improvement of the harbor at Waddington, New York, five thousand dollars. Waddington.

For examination and surveys of rivers and harbors, and for incidental repairs at harbors for which there is no special appropriation, fifty thousand dollars. Examinations, &c., and incidental repairs.

It shall be the duty of the Secretary of War to apply the moneys herein appropriated as far as may be by contract, except when specific estimates cannot be made for the particular work, or where, in the judgment of said Secretary, the work cannot be contracted at prices advantageous to the Government, and except the appropriations made for examinations and surveys; and such contracts shall be made after sufficient public advertisement for proposals in such form and manner as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders therefor, accompanied by such securities as the Secretary of War shall require. Secretary of War to apply moneys by contract as far as may be, &c.

For completing the survey and estimates of the route from the mouth of the Youghiogheny River to continue the slackwater navigation up said river, to the head waters at the foot of the Allegheny mountains, thence by canal to Cumberland, intersecting there the Chesapeake and Ohio Canal, ten thousand dollars. Youghiogheny River.

SEC. 2. That the Secretary of War is hereby directed to cause examinations, or surveys, or both, to be made at the following points, namely: Secretary of War to cause examinations and surveys to be made at certain points.

Alabama River, from Wetumpka to its mouth.

East Branch of Potomac River, from the navy-yard to Bladensburg, District of Columbia.

North and South Branches of the Shrewsbury River, New Jersey.

Puyallup River, from the Coal Mines to its mouth, Washington Territory.

Monongahela River, from Morgantown to Fairmount, West Virginia.

French Broad River, from its junction with the Holston at Knoxville to Leadvale, Tennessee.

Port Henry, Lake Champlain, for a breakwater.

Rouse's Point, Lake Champlain, for a breakwater.

Lower Pier, Chester, Pennsylvania.

Monterey, California.

Mouth at Nehalem River, Oregon, Alsea River and bar, Oregon.

For examination for a route for a canal sufficient to allow the passage at ordinary high tide, of steamers drawing ten feet, connecting the waters of Shoal Water Bay with the waters of the Columbia River: *Provided*, That no more than five hundred dollars shall be expended in making such survey and estimate.

Alleghany River, below Freeport, Pennsylvania.

Thunder Bay River, Lake Huron.

Little Narragansett Bay, between Dennison Rocks and Rhode's Folly, Rhode Island and Connecticut.

For examination for a route for a canal from Lake Michigan to the Wabash River, Indiana, not exceeding the expense of two thousand dollars.

Clinch River, below the mouth of Emory River, and Emory River above its mouth, for removal of bars, Tennessee

Clinton River, from Mount Clemens to its mouth, Michigan.

For estimate of cost to obtain thirteen feet of water on the outer bar at the mouth of Saginaw River, Michigan.

Waddington, New York, for the purpose of ascertaining the practicability and cost of constructing a canal and locks around the rapids in the Saint Lawrence River at that point.

Survey of the channel of West Haven Harbor, near New Haven, Connecticut.

Pamlico River from its mouth to the town of Washington, North Carolina.

Neuse River from its mouth Goldsboro, North Carolina.

Pasquotank River, from Albemarle Sound to Elizabeth City, North Carolina.

Puqunnaus River from its mouth to the town of Hartford, North Carolina.

Belfast Bay and harbor, Maine.

Harbor Matinicus Island, Maine.

Alleghany River, near Pittsburg, Pennsylvania.

Ocmulgee River, Georgia, from the city of Macon to the city of Covington.

Catawba River, from South Carolina line to Old Fort, North Carolina.

For surveys to ascertain the most eligible line on which a canal across the Isthmus of Florida can be constructed, and whether a safe land-locked navigation between the waters of the Mississsippi and the Gulf along the coasts of Alabama, Louisiana, and Florida, and through the latter State to the Atlantic coast, can be had. To estimate the probable cost and practicability of construction of such works, and of any artificial water-routes found necessary to provide a safe inland navigation between the Mississippi River and one of the seaports on the east coast of Florida.

Continuing survey of French Broad River, from the Henderson County line to its junction with the Holston, Tennessee.

The harbor at Edenton, North Carolina.

A line between the Neuse and Cape Fear Rivers, in North Carolina, with a view to connect the waters of the same. And a like line with a view to connect the waters of Norfolk harbor, in Virginia, with the waters of the Cape Fear River, at or near Wilmington, North Carolina.

Louisa Fork of Sandy, from the mouth of Dismal, in Buchanan County, Virginia, to Piketon, Kentucky.

Powell's River, from the three forks in Wise County, Virginia, to the mouth of Clinch River, Tennessee.

Clinch River, from the mouth of Indian, in Tazewell County, Virginia, to the junction of Clinch and Powell Rivers, Tennesse.

Elk River, from is mouth to Braxton Court-House, West Virginia.

Missouri River, at the point where it is cutting into the Kansas shore above Saint Joseph's, Missouri.

For breakwater off the mouth of Au Sable River, Lake Huron.

The piers at Marcus Hook, Pennsylvania.

Tennessee River, from the Chilhowee Mountains to the Georgia line, in Macon County, North-Carolina.

Ipswich River and harbor, Massachusetts, and estimates of cost for dredging the river as to give nine feet depth at low water.

Mouth of Big Sandy Creek, New York.

Chippewa River, Wisconsin.

Echo Harbor, New Rochelle, New York.

Board of engineers to report plan for improvement of channel between Staten Island and New Jersey.

SEC. 3. That the Secretary of War shall convene a board of engineers to examine, and report at the next session of Congress, a plan for the improvement of the channel between Staten Island and New Jersey.

James B. Eads, and others, to construct jettees, &c., to maintain channel between South Pass of Mississippi River and Gulf of Mexico.

SEC. 4. That James B. Eads, of Saint Louis, Missouri, be, and he is hereby, authorized, with such others as may be associated with him, on the conditions hereinafter mentioned, to construct such permanent and sufficient jettees, and such auxiliary works as are necessary to create and permanently maintain, as hereinafter set forth, a wide and deep channel between the South Pass of the Mississippi River and the Gulf of Mexico, and for that purpose he may construct, in the river, outlet, or pass, and likewise in the Gulf of Mexico, such walls, jettees, dikes, levees, and other structures, & employ such boats, rafts, and appliances, as he may, in the prosecution of said work deem necessary: *Provided*, That no such structures or means employed shall hinder, delay, or materially interfere with the free navigation of said pass; and, to protect his said works, he may build, and maintain such levees, or embankments as may be neccessary to secure their permanency along the banks of the river or South Pass: *Provided further*, That unless the construction of the proposed work shall be substantially commenced within eight months from the date of the approval of this act, and prosecuted with due diligence, the provisions contained herein in relation to the said South Pass shall be null and void; and unless the said Eads and his associates shall secure a navigable depth of twenty feet of water through said pass within thirty months after the date of the approval of this act, Congress may revoke the privileges herein granted in relation to the said South Pass, and cancel the obligations herein assumed by the United States. And Congress may revoke the privileges herein granted in relation to the said South Pass, and cancel the obligations herein assumed by the United States, unless the said Eads and his associates shall, after securing twenty feet of water, secure an additional depth of not less than two feet during each succeeding year thereafter, until twenty-six feet shall have been secured: and in case said Eads and his associates shall fail to comply with the foregoing conditions, as to depth of water, and time for and period of twelve months in excess of the time fixed, as aforesaid, then the privileges herein granted, and the obligations herein assumed in relation to the said South Pass,

Navigation not to be impeded.

To be commenced in eight months.

Navigable depth of twenty feet to be secured in thirty months.

Two additional feet in depth to be secured each succeeding year until a depth of twenty-six feet is secured.

Penalty of failure for one year

in excess of time fixed.

shall absolutely become absolutely null and void without action by Congress.

Amount to be paid.

SEC. .That the conditions herein prescribed being fully complied with, the United States hereby promise and agree to pay to said Eads, or to his assigns or legal representatives, five million two hundred and fifty thousand dollars for constructing said works and obtaining a depth of thirty feet in said channel, and the annual sum of one hundred thousand dollars for each and every year that said depth of thirty feet shall be maintained by the jettees and auxiliary works aforesaid in said South Pass during twenty years after first securing the said depth Payments shall be made on certified statements of an engineer-officer, who shall be detailed by the Secretary of War, and whose duty it shall be to report the depth of water and width of channel secured and maintained from time to time in said channel, together with such other information as the Secretary of War may direct.

How payments to be made.

Reports of depth of water to be made.

When payments to be made.

When a channel of twenty feet in depth, and of not less than two hundred feet in width, shall have been obtained by the action of said jettees and auxiliary works, five hundred thousand dollars shall be paid; and when a channel of twenty-two feet in depth and two hundred feet in width shall have been obtained by the action of said jettees and auxiliary works, five hundred thousand dollars shall be paid.

When a channel twenty-four feet in depth, and not less than two hundred and fifty feet in width, shall have been obtained, there shall be paid five hundred thousand dollars; and after said depth and width shall have been maintained during twelve consecutive months, there shall be paid, there shall be paid two hundred and fifty thousand dollars with five per centum per annum interest from the date when said twenty-four feet were first obtained.

When a channel twenty-six feet in depth, and not less than three hundred feet in width shall be obtained, there shall be paid five hundred thousand dollars; and when a channel of said depth and width shall have been maintained for twelve months consecutively, two hundred and fifty thousand dollars shall be paid with interest at five per centum per annum from the date when said channel was first obtained.

When a channel twenty-eight feet in depth and not less than three hundred and fifty feet in width shall be obtained, there shall be paid five hundred thousand dollars; and after said depth and width shall have been maintained for twelve months consecutively, two hundred and fifty thousand dollars shall be paid with interest at six per centum per annum from the date when said twenty-eight feet were first obtained.

When a channel thirty feet in depth and not less than three hundred and fifty feet in width shall be obtained, there shall be paid five hundred thousand dollars; and after such depth and width shall have been maintained for twelve months consecutively, there shall be paid five hundred thousand dollars with interest at five per centum per annum

from the date when a channel of said depth and width was first obtained; making a total aggregate of four millions two hundred and fifty thousand dollars for the aforesaid payments, the respective depths and widths of channel being measured at average flood-tide, as ascertained and determined by the Secretary of War.

When a channel thirty feet in depth and three hundred and fifty feet in width shall have been obtained by the effect of said jettees and auxiliary works aforesaid, the remaining one million dollars shall be deemed as having been earned by said Eads and associates; but said amount shall remain as security in the possession of the United States for the purposes hereinafter set forth, interest at five per centum per annum on the same being payable to said Eads, his assigns, and legal representatives, semi annually, from the date when a channel of thirty feet in depth and three hundred and fifty feet in width shall have been first secured, so long as said money, or any part thereof, is held by the United States.

SEC. . That after said channel of thirty feet in depth and of not less than three hundred and fifty feet in width shall have been secured, one hundred thousand dollars per annum shall be paid in equal quarterly payments during each and every year that said channel of thirty feet in depth and three hundred and fifty feet in width shall have been maintained by said Eads and his associates by the effect of said jettees and auxiliary works aforesaid in said pass, for a period of twenty years, dating from the date on which said channel of thirty feet in depth and three hundred and fifty feet in width shall be first secured: *Provided, however*, That no part of such annual compensation shall be paid for any period of time during which the channel of said pass shall be less than thirty feet in depth and three hundred and fifty feet in width, as hereinbefore specified.

Proviso.

Sec. . That the said channel of thirty feet in depth and three hundred and fifty feet in width having been maintained for ten years, one-half of the one million dollars hereinbefore mentioned shall be released and paid to said Eads, his assigns, or legal representatives; and said depth and width having been maintained for ten additional year, the remaining half of the said one million dollars shall be released and paid as aforesaid. And if any of said money shall have been paid under the provisions of this act as hereinafter provided, then the residue shall be paid at the times above stated.

Money expended in excess of annual payments may be paid from money reserved, &c.

SEC. . That in case said Eads and associates in order to maintain a channel of thirty feet in depth and three hundred and fifty feet in width, shall deem it necessary to expend on said works, during any one or more of said twenty years, any money in excess of the annual payments received by them during said year or years under this act, the Secretary of War shall, on satisfactory proof of such expenditures, authorize, as often as such extra expenditures may require the payment of the same from the said money in pledge, to said Eads or his legal representatives.

And such payments shall be made from the five hundred thousand dollars to be released at the end of ten years be-

fore any payment shall be made from the five hundred thousand dollars to be released at the end of twenty years; and if any failure to maintain said channel of thirty feet in depth and three hundred and fifty feet in width shall occur, the date for releasing the said money held in pledge shall be posponed for an equal period of time, and the compensation for maintaining said channel shall cease until said depth and width shall be again restored, the maintenance of a channel of thirty feet in depth and three hundred and fifty feet in width for twenty years, exclusive of all such periods of failure, being intended by this act.

And at any time after said jettees shall have been completed, and said channel of thirty feet in depth and three hundred and fifty feet in width shall have been obtained, that the United States may elect to pay the said one million dollars, and stop the payment of said interest and said annual sum of one hundred thousand dollars for the maintenance of said depth and width, said United States shall have the right to do so on payment of said money held as security and in pledge as aforesaid, together with the interest and annual compensation for maintenance which may be earned at the date of such final payment; and on such payment being made by the United States the supervision and maintenance of said jettees and auxiliary works by said Eads and associates, and all liability on their part shall cease and determine.

Survey to be made.

SEC. . That in order to facilitate the proper location of said jettees, which shall not be less than seven hundred feet apart, and to correctly determine such effects as may be produced by them, the Chief of the Coast Survey shall, as soon as practicable, cause a careful topographic and hydrographic survey to be made of said pass and bar, and shall submit the same to the Secretary of War, who shall furnish to said Eads the results of any such survey. And the sum of five thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated for said survey and examination

Appropriation.

Penalty for injury to works or interfering with construction.

SEC. . That any person maliciously or intentionally injuring said works, or interfering with the construction thereof, shall be deemed guilty of a misdemeanor, and may be tried for such offense before the district court of the United States for the district wherein such offense may be committed; and, if found guilty, he shall be liable to a fine not exceeding one thousand dollars, or to imprisonment for not more than two years, or to both fine and imprisonment as aforesaid, for each offense.

Right to use materials on public lands.

SEC. . That the said Eads and his associates shall have the right under such regulations as the Secretary of War shall prescribe, to use any materials on the public lands of the United States that shall be suitable for, and may be needed in, the construction of said works.

In event of death or disability of Mr. Eads, work to be prosecuted.

SEC. . That in case of death or other disability of said Eads before the completion of said works, the same shall be prosecuted and completed by his legal representatives and his associates aforesaid, with the same powers, rights, obligations, and compensations as if done by him in person.

SEC. . That the Secretary of War be, and he is hereby authorized and directed to carry into effect the provisions of this act on behalf of the United States, and, when the said Eads and his associates shall, from time to time, have fulfilled on their part the several foregoing conditions of this act, to draw his warrants upon the Treasurer of the United States in favor of said Eads, or his legal representatives, in payment of the aforesaid amounts as they respectively become due by the provisions of this act.

Secretary of War to carry into effect provisions of act, and draw warrants in payment.

And it shall be the duty of the Secretary of War to embody in his annual reports the payments made from time to time under this act, and the probable times when other payments will become due, and to report during the construction of the works herein authorized all important facts relating to the progress of the same, the materials used, and the character and permanency with which the said jettees and auxiliary works are being constructed, to the end that the Congress of the United States may be kept fully advised as to the faithfulness and efficiency with which the said works are being executed by the said Eads and associates, it being expressly understood that while said Eads shall be entrammeled in the exercise of his judgment and skill in the location, design, and construction of said jettees and auxiliary works, the intent of this act is not simply to secure the wide and deep channel first above named, but likewise to provide for the construction of thoroughly substantial and permanent works by which said channel may be maintained for all time after their completion.

Payments to be reported.

Reports of progress of construction.

And in case the Secretary of War shall be of the opinion that this work is not being constructed according to the spirit and intent of this act, he shall report the same to the President, who shall appoint a commission, consisting of an officer of the Army, an officer of the Navy, and a competent person from civil life, to inspect and examine the works being constructed by said Eads and his associates; and in case the said commission shall report that the works are being constructed upon a design that will not be of a substantial and permanent character when completed, all the facts in the case shall be laid before Congress at the earliest possible moment, and payments upon said works shall be suspended until Congress shall otherwise order.

If not being constructed according to act, commission to be appointed.

If commission report adversely, facts to be laid before Congress.

Suspension of payments.

SEC. . That the option of discharging the obligations herein assumed by the United States, either in money or bonds, is expressly reserved; and the Secretary of the Treasury is hereby directed to issue the bonds of the United States, bearing five per centum interest, of the character and description set out in the act entitled "An act to authorize the refunding of the public debt," approved July fourteenth, eighteen hundred and seventy, to said Eads or his legal representatives, in payment at par of the aforesaid warrants of the Secretary of War, unless the Congress of the United States shall have previously provided for the payment of the same by the necessary appropriations of money: *Provided*, That in no case shall the Government of the United States be liable for any losses incurred by said Eads and his associates in the performance of the work

Payments to be made in money or bonds at Government option.

United States not liable for losses.

herein mentioned, nor shall any payments thereon be made in excess of the sums nor contrary to the terms hereinbefore prescribed.

Approved, March 3, 1875.

March 3, 1875. Vol. 18, pt. 3, p. 474.

CHAP. 139.—An Act to enable the people of Colorado to form a constitution and State government, and for the admission of the said State into the Union on an equal footing with the original States.

Territory of Colorado made a State.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the inhabitants of the Territory of Colorado included in the boundaries hereinafter designated be, and they are hereby, authorized to form for themselves, out of said Territory, a State government, with the name of the State of Colorado; which State, when formed, shall be admitted into the Union upon an equal footing with the original States in all respects whatsoever, as hereinafter provided.

Boundaries.

SEC. 2. That the said State of Colorado shall consist of all the territory included within the following boundaries, to wit: Commencing on the thirty-seventh parallel of north latitude where the twenty-fifth meridian of longitude west from Washington crosses the same; thence north, on said meridian, to the forty-first parallel of north latitude; thence along said parallel west to the thirty-second meridian of longitude west from Washington; thence south on said meridian, to the thirty-seventh parallel of north latitude; thence along said thirty-seventh parallel of north latitude to the place of beginning.

* * * * *

Five per cent. of sales of public lands for internal improvements.

SEC. 12. That five per centum of the proceeds of the sales of agricultural public lands lying within said State which shall be sold by the United States subsequent to the admission of said State into the Union, after deducting all the expenses incident to the same, shall be paid to the said State for the purpose of making such internal improvements within said State as the legislature thereof may direct: *Provided*, That this section shall not apply to any lands disposed of under the homestead-laws of the United States, or to any lands now or hereafter reserved for public or other uses.

Proviso.

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Approved, March 3, 1875.

March 3, 1875. Vol. 18 pt. 3. p. 506.

CHAP. 166.—An Act to aid in the improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin.

Lands, &c., to be taken possession of.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That whenever, in the prosecution and maintenance of the improvement of the Wisconsin and Fox Rivers in the State of Wisconsin, it becomes necessary or proper in the judgment of the Secretary of War to take possession of any lands, or the right of way over any lands, for canals and cut-offs, or to use any earth-quarries or other material lying adjacent or near to the line of said improvement and needful for its prosecution

or maintenance, the officers in charge of said works may, in the name of the United States, take possession of and use the same, after first having paid or secured to be paid the value thereof, which may have been ascertained in the mode provided by the laws of the State wherein such property lies. In case any lands or other property is now or shall be flowed or injured by means of any part of the works of said improvement heretofore or hereafter constructed for which compensation is now or shall become legally owing, and in the opinion of the officer in charge it is not prudent that the dam or dams be lowered, the amount of such compensation may be ascertained in like manner. The Department of Justice shall represent the interests of the United States in legal proceedings under this act, and for fowage-damages hereinbefore occasioned.

Damages.

Department of Justice to represent the United States.

SEC. 2. That a portion of the appropriation now made for the further prosecution of the improvement aforesaid, not exceeding in amount twenty-five thousand dollars, may be applied in payment for the property and rights taken and used as aforesaid.

Part of the appropriation may be used in payment for property, &c.

Approved, March 3, 1875.

CHAP. 172.—An Act for the further security of navigation on the Mississippi River.

March 3, 1875. Vol. 18, pt. 3, p. 510

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, authorized and directed to inquire into the expediency of causing shear-booms to be placed on the upper end of all or any bridge-piers on the Mississippi River, for the better security and convenience of the navigation of said river for rafts of logs and timber, with specific report in each case.

Shear-booms on bridge-piers on Mississippi River.

Approved, March 3, 1875.

CHAP. 88.—An Act making appropriations to supply deficiencies in the appropriations for the fiscal years ending June thirtieth, eighteen hundred and seventy-six, and for prior years, and for other purposes.

May 1, 1876. Vol. 19, p. 41.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, to supply deficiencies in the appropriations for the service of the Government for the fiscal year ending June thirtieth, eighteen hundred and seventy-six, and for former years, and for other purposes, namely:—

Deficiency appropriation.

* * * * *

TREASURY DEPARTMENT.

* * * * *

MISCELLANEOUS.

* * * * *

For topographic and hydrographic survey of the South Pass and bar at the mouth of the Mississippi River, under

Survey of South Pass.

1875, ch. 134.

act of March third eighteen hundred and seventy-five, two thousand and one hundred dollars and twenty eight cents.

* * * * *

Approved, May 1, 1876.

June 12, 1876.
Vol. 19, p. 58.

CHAP. 123.—An Act authorizing the residents and property-owners of Neville Township, county of Allegheny, and State of Pennsylvania, to close the channel of the Ohio River on the south side of Neville Island by the construction of an embankment or causeway from the head of said island to the southern shore of said river.

Channel of Ohio River on south side of Neville Island may be closed.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the residents and property-owners of Neville Township, county of Allegheny, and State of Pennsylvania, be, and they are hereby, authorized and empowered to close the channel of the Ohio River on the south side of Neville Island, in said township, by the construction of an embankment or causeway from the head of said island to the southern shore of said river: *Provided, however*, That the Government of the United States shall not be liable for any expenses incurred in the performance of said work, or by reason thereof.

Proviso.

Approved, June 12, 1876.

July 12, 1876.
Vol. 19, p. 89.

CHAP. 184.—An Act to authorize the Northwestern Improvement Company, a corporation organized under the laws of the State of Wisconsin, to enter upon the Menomonee Indian reservation, and improve the Oconto River, its branches and tributaries.

Improvement of Oconto River, Wisconsin, by Northwestern Improvement Company.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the assent of Congress be, and hereby is, given to the Northwestern Improvement Company, a corporation organized under the laws of the State of Wisconsin, to improve the Oconto River and its branches and tributaries, so as to run logs down said river its branches, and tributaries, across the Menomonee Indian reservation, in accordance with the laws of said State: *Provided*, That any damages which may be caused by such improvement shall be awarded as in all other cases under the laws of the State of Wisconsin, and the amount be paid into the Treasury of the United States for the benefit of said Indians; and said Indians and all other persons shall be permitted to use said river for the purpose of running logs, as contemplated in this act; and the charges for said privileges shall be regulated by the legislature of the State of Wisconsin: *Provided*, That all privileges under this act may be altered or revoked by Congress.

Damages.

Rights of Menomonee Indians.

Approved, July 12, 1876.

CHAP. 246.—An Act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and seventy-seven, and for other purposes.

July 31, 1876.
Vol. 19, p. 102.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and seventy-seven, namely:

Appropriations for sundry civil expenses.

* * * * *

UNDER THE WAR DEPARTMENT.

* * * * *

For work necessary for the protection of the river banks at Fort Brown, Texas against the encroachments of the Rio Grande ten thousand dollars or so much thereof as may be necessary, to be expended under the directions of the Secretary of War.

River banks at Fort Brown.

* * * * *

Approved, July 31, 1876.

CHAP. 267.—An Act making appropriations for the construction, repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes.

Aug. 14, 1876.
Vol. 19, p. 132.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended, under the direction of the Secretary of War, for the repair, preservation, construction, and completion of the following public works hereinafter named.

Appropriations for rivers and harbors.

For the improvement of the harbor at Dunkirk, New York, eighteen thousand dollars.

Dunkirk.

For the improvement of the harbor at Buffalo, New York, eighty-five thousand dollars.

Buffalo.

For the improvement of the harbor at Wilson, New York, ten thousand dollars.

Wilson.

For the improvement of the harbor at Oak Orchard, New York two thousand dollars.

Oak Orchard.

For the improvement of the harbor at Pultneyville, New York three thousand dollars.

Pultneyville.

For the improvement of the harbor at Great Sodus Bay, New York, five thousand dollars.

Great Sodus Bay.

For removing obstructions in the East River and Hell Gate, New York, two hundred and fifty thousand dollars.

Hell Gate.

For the improvement of the natural entrance to Superior Bay, Wisconsin, three thousand dollars.

Superior Bay.

For the improvement of the harbor at Du Luth, Minnesota, fifteen thousand dollars. Said appropriation is made upon the express condition that it shall be without prejudice to either party in the suit now pending between the

Duluth.

State of Wisconsin, plaintiff, and the city of Du Luth and the Northern Pacific Railroad, defendants.

Ontonagon. For the improvement of the harbor at Ontonagon, Michigan, fifteen thousand dollars

Eagle Harbor. For the improvement of Eagle Harbor, Michigan, twelve thousand dollars.

Marquette. For the improvement of the harbor at Marquette, Michigan, two thousand dollars.

Frankfort. For the improvement of the harbor at Frankfort, Michigan, three thousand dollars.

Manistee. For the improvement of the harbor at Manistee, Michigan, fourteen thousand dollars.

Ludington. For the improvement of the harbor at Ludington, Michigan ten thousand dollars.

Pentwater. For the improvement of the harbor at Pentwater, Michigan, ten thousand dollars.

White River. For the improvement of the harbor at White River, Michigan, five thousand dollars.

Muskegon. For the improvement of the harbor at Muskegan, Michigan, fifteen thousand dollars.

Grand Haven. For the improvement of the harbor at Grand Haven, Michigan, fifteen thousand dollars.

Green Bay. For the improvement of the harbor at Green Bay, Wisconsin, eight thousand dollars.

Menomonee. For the improvement of the harbor at Menomonee, Wisconsin, eight thousand dollars.

Ahnapee. For the improvement of the harbor at Ahnepee, Wisconsin, eight thousand dollars.

Two Rivers. For the improvement of the harbor at Two Rivers, Wisconsin, five thousand dollars.

Falls of Saint Anthony. For the improvement of the falls of Saint Anthony, Minnesota, one hundred and twenty thousand dollars.

Minnesota River. For the improvement of Minnesota River, Minnesota, ten thousand dollars.

Toledo. For the improvement of the harbor at Toledo, Ohio, sixty thousand dollars.

Sandusky City. For the improvement of the harbor at Sandusky City Ohio, twenty-five thousand dollars.

Vermillion. For the improvement of the harbor at Vermillion, Ohio five thousand dollars.

Cleveland. For a breakwater at Cleveland Harbor, Ohio, fifty thousand dollars.

Agreement to be made with Pittsburgh and Cleveland Railroad Company. For repair of east pier at Cleveland, Ohio, eight thousand dollars; and the Secretary of War is hereby authorized to agree with the Pittsburgh and Cleveland Railroad Company for such use and occupancy of said pier as is consistent with the public interests, upon such terms and conditions as he deems reasonable and just; and in case said railroad company shall neglect or refuse to make an agreement satisfactory to the Secretary of War, upon a certificate of that fact to the Attorney-General it shall be the duty of the latter officer to enforce the rights of the United States in the premises by appropriate action.

Connecticut River. For the improvement of Connecticut River below Hartford Connetcicut, twenty thousand dollars.

For the improvement of the harbor at Fall River, Massachusetts, ten thousand dollars. Fall River.

For the improvement of the harbor at New Bedford, Massachusetts, ten thousand dollars. New Bedford.

For the improvement of Penobscot River, Maine, ten thousand dollars; four thousand dollars of which shall be expended at or near the "Narrows" in said river at Bucksport. Penobscot River.

For the improvement of Cocheco River, New Hampshire, fourteen thousand dollars. Cocheco River.

For the improvement of the harbor at Burlington, Vermont, twenty thousand dollars. Burlington.

For the improvement of the harbor at Swanton, Vermont, two thousand dollars. Swanton.

For the construction of Ice Harbor at Chester, Pennsylvania, two thousand six hundred dollars. Chester.

For the improvement of Passaic River, New Jersey, ten thousand dollars. Passaic River.

For removing obstructions from, and the improvement of, the harbor at Wilmington, Delaware, sixteen thousand dollars. Wilmington.

For the construction of piers in Delaware Bay near Lewes, Delaware, thirty thousand dollars. Lewes.

For the improvement of the harbor at Chicago, Illinois, five thousand dollars. Chicago.

For the improvement of the Des Moines Rapids, Mississippi River, two hundred and thirty thousand dollars. Des Moines Rapids.

For the improvement of the harbor at Baltimore, Maryland, seventy-five thousand dollars. Baltimore.

For the improvement of the Rappahannock River, Virginia, ten thousand dollars. Rappahannock River.

For the improvement of James River, Virginia, sixty thousand dollars. James River.

For the improvement of Cape Fear River, North Carolina, one hundred and thirty-two thousand five hundred dollars. Cape Fear River.

For the improvement of the French Broad River between Brevard and the Buncombe County line, North Carolina, ten thousand dollars. French Broad River.

For the improvement of Pamlico River, North Carolina, fifteen thousand dollars. Pamlico River.

For the improvement of the Hiawassee River, Tennessee, ten thousand dollars. Hiawassee River.

For the improvement of Cumberland River above the city of Nashville, Tennessee, from Nashville to the Kentucky line, fifteen thousand dollars; and thence to the foot of Smith's Shoals, ten thousand dollars; and for Smith's Shoals, twenty-five thousand dollars; and from Smith's Shoals to the Falls of the Cumberland, two thousand dollars. Cumberland River.

For the improvement of the Great Kanawha River, West Virginia, including the purchase of, and full payment for, sites for dams and locks, between the Great Falls and the Ohio River, not exceeding fifteen thousand dollars, two hundred and seventy thousand dollars Great Kanawha River.

For removal of Beaver and Nailor Bend rocks, and for cleaning out snags and fallen trees in the Little Kanawha, West Virginia, seven thousand and three hundred dollars. Little Kanawha River.

Savannah. For the improvement of the harbor at Savannah, Georgia, sixty-two thousand dollars.

Chattahoochie and Flint Rivers. For the improvement of the Chattahoochie and Flint Rivers, Georgia, twenty thousand dollars.

Cypress Bayou For continuing the work of dredging and removing obstructions to navigation in Cypress Bayou, Texas, thirteen thousand dollars.

Sabine Pass, Sabine and Neches Rivers. For the improvement at Sabine Pass, and for improvement of Blue Buck Bar and Sabine Bay, and for deepening the channel over the bar at the mouth of the Sabine River, and for deepening of the channel over the bar at the mouth of Neches River, where these rivers enter Sabine Bay, thirty-eight thousand dollars.

Pass Cavallo. For the improvement of Pass Cavallo, inlet to Matagorda Bay, Texas, twenty thousand dollars.

Coosa River. For the improvement of the Coosa River, Georgia and Alabama between Rome and the Selma, Rome and Dalton Railroad bridge, thirty thousand dollars.

Ouachita River. For the improvement of Ouchita River, Arkansas and Louisiana, twelve thousand dollars.

Cedar Keys. For the improvement of the harbor at Cedar Keys, Florida, ten thousand dollars.

Lower Willamette and Columbia Rivers. For the improvement of the Lower Willamette and Columbia Rivers from Portland, Oregon, to the sea, twenty thousand dollars.

Upper Willamette River. For the improvement of the Upper Willamette River, Oregon, twenty thousand dollars.

Upper Columbia River. For the improvement of the Upper Columbia, including Snake River, fifteen thousand dollars.

Oakland Harbor. For the improvement of Oakland Harbor, California, to be applied to finishing training walls and dredging between them, seventy-five thousand dollars.

San Joaquin River. For the improvement of San Joaquin River, California, twenty thousand dollars.

Delaware River. For the improvement of the Delaware River below Petty's Island, forty thousand dollars.

Red River. For removing raft in Red River and closing Tone's Bayou, Louisiana, thirty-five thousand dollars.

Little Sodus Bay. For the improvement of the harbor at Little Sodus Bay, New York, five thousand dollars.

Schuylkill River. For the improvement of the Schuykill River, Pennsylvania twenty thousand dollars.

Bridgeport. For the improvement of the harbor at Bridgeport, Connecticut, ten thousand dollars.

Southport. For improvement of the harbor at Southport, Connecticut, five thousand dollars.

Black Lake. For the improvement of the harbor at Black Lake, Michigan, fifteen thousand dollars.

Saugatuck. For the improvement of the harbor at Saugatuck, Michigan, three thousand dollars.

Saint Joseph's. For the improvement of the harbor at Saint Joseph's, Michigan, twelve thousand dollars.

Manitowoc. For the improvement of the harbor at Manitowoc, Wisconsin, eight thousand dollars.

Sheboygan. For the improvement of the harbor at Sheboygan, Wisconsin, six thousand dollars.

For the improvement of the harbor at Port Washington, Wisconsin, eight thousand dollars. Port Washington.

For the improvement of the harbor at Oswego, New York, ninety thousand dollars. Oswego.

For the improvement of Hudson River, fifty thousand dollars. Hudson River.

For the improvement of the Appomattox River, Virginia, thirty thousand dollars. Appomattox River.

For the improvement of the South Branch of Elizabeth River, Virginia, five thousand dollars. South Branch Elizabeth River.

For the improvement of Nansemond River, Virginia, five thousand dollars. Nansemond River.

For the improvement of the Yazoo River, Mississippi, fifteen thousand dollars. Yazoo River.

For the improvement of White River at Buffalo Shoals, Arkansas, ten thousand dollars. White River.

For the improvement of Perquimons River, North Carolina, two thousand five hundred dollars. Perquimans River.

For the improvement of the harbor at Charleston, South Carolina, ten thousand dollars. Charleston.

For the improvement of the Etowah River, Georgia, ten thousand dollars. Etowah River.

For the improvement of the Ocmulgee River, Georgia, fifteen thousand dollars. Ocmulgee River.

For the improvement of New River from the lead-mines in Wythe County, Virginia, to the mouth of Green-brier River, West Virginia, fifteen thousand dollars. New River.

For the improvement of the harbor at Norfolk, Virginia, thirty-five thousand dollars. Norfolk.

For the improvement of the Warrior and Tombigbee River, Alabama, fifteen thousand dollars. Warrior and Tombigbee Rivers.

For the improvement of the Choctawhatchie River, Florida and Alabama, five thousand dollars. Choctawhatchee River.

For continuing the improvement on the outer bar at Galveston, Texas, one hundred and forty-two thousand dollars. Galveston.

For the improvement of the Missouri River above the mouth of the Yellowstone, twenty thousand dollars. Missouri River.

For the improvement of Chester River at Kent Island Narrows, Maryland, five thousand dollars. Chester River.

For the improvement of the Wicomico River, Maryland, five thousand dollars. Wicomico River.

For the improvement of the harbor at Michigan City, Indiana, thirty-five thousand dollars. Michigan City.

For the improvement of the channel of the Mississippi River opposite the city of Saint Louis, Missouri, by the construction of a low dam across the channel east of Arsenal Island, known as Cahokia Chute, and in the revetment of said island, twenty-nine thousand, six hundred dollars. Mississippi River opposite St. Louis, Mo.

For the improvement of the Rush Chute and the harbor of Burlington, Iowa, ten thousand dollars. Burlington.

For the improvement of the harbor at Fort Madison, Iowa, ten thousand dollars. Fort Madison.

For the improvement of the harbor at South Haven, Michigan, ten thousand dollars. South Haven.

For the improvement of Saint Mary's River and Saint Mary's Falls Canal, Michigan, one hundred and thirty thousand dollars. Saint Mary's River, etc.

Cheboygan. For the improvement of the harbor at Cheboygan, Michigan, ten thousand dollars.

Au Sable River. For the improvement of Au Sable River, Michigan, one thousand dollars.

Saginaw River. For the improvement of the Saginaw River, Michigan, eleven thousand dollars.

Milwaukee. For the improvement of the harbor at Milwaukee, Wisconsin, twenty-six thousand dollars.

Kenosha. For the improvement of the harbor at Kenosha, Wisconsin, eight thousand dollars.

Mississippi River above Falls of St. Anthony. For the improvement of the Mississippi River above the Falls of Saint Anthony, twenty thousand dollars; no part of which shall be expended upon the Falls of Saint Anthony.

Monroe. For the improvement of the harbor at Monroe, Michigan, five thousand dollars.

Charlevoix. For the improvement of the harbor at Charlevoix, Michigan, ten thousand dollars.

Thunder Bay. For the improvement of the harbor at Thunder Bay, Michigan, four thousand five hundred dollars.

Ashtabula. For the improvement of the harbor at Ashtabula, Ohio, five thousand dollars.

Port Clinton. For the improvement of the harbor at Port Clinton, Ohio, five thousand dollars.

Fairport. For the improvement of Fairport Harbor, Ohio, five thousand dollars.

Black River. For repair of piers at mouth of Black River, Ohio, six thousand dollars.

Fox and Wisconsin Rivers. For the improvement of the Fox and Wisconsin Rivers, two hundred and seventy thousand dollars.

Erie. For the improvement of the harbor at Erie, Pennsylvania, forty thousand dollars.

Block Island. For the improvement of the breakwater at Block Island, Rhode Island, forty thousand dollars.

Boston. For the improvement of the Boston Harbor, Massachusetts, fifty thousand dollars.

Little Narragansett Bay. For the improvement of Little Narragansett Bay, Rhode Island and Connecticut, five thousand dollars.

Kennebunk River. For the improvement of the Kennebunk River, Maine, five thousand dollars.

Belfast. For the improvement of Belfast Harbor, Maine, five thousand dollars.

Rondout. For the improvement of the harbor at Rondout, New York, thirty thousand dollars.

Port Jefferson. For the improvement of the harbor at Port Jefferson, Long Island, New York, six thousand dollars.

Staten Island Channel. For the improvement of the channel between Staten Island and New Jersey, ten thousand dollars.

Provincetown. For the improvement of the harbor at Provincetown, Massachusetts, four thousand dollars.

New Castle. For the construction of piers of Ice Harbor, and removing obstructions at New Castle, Delaware, twelve thousand dollars.

Harbor of refuge, Lake Huron. For the improvement of the Harbor of Refuge, Lake Huron, Michigan, including removal of the wreck of the "City of Buffalo," seventy-five thousand dollars.

For the improvement of the Chippewa River, Wisconsin, ten thousand dollars. Chippewa River.

For the improvement of the Wabash River, Indiana, seventy thousand dollars. Wabash River.

For the improvement of the harbor at Calumet, Illinois, twenty thousand dollars. Calumet.

For the improvement of the Illinois River, Illinois, forty thousand dollars. Illinois River.

For the improvement of the Red River of the North, Minnesota, ten thousand dollars. Red River of the North.

For the improvement of the Upper Mississippi River, thirty thousand dollars; and seven thousand dollars thereof may be applied, if the Secretary of War shall deem it for the public interest, in constructing the necessary machinery used in Captain Edward Bell's process for building wing-dams, and applying said process in the improvement of said river. Upper Mississippi River. Bell's wing-dams.

For the improvement of Rock Island Rapids, Mississippi River, twenty-five thousand dollars. Rock Island Rapids.

For the improvement of the Mississippi, Missouri, and Arkansas Rivers, one hundred thousand dollars: *Provided*, That ten thousand dollars thereof shall be expended for removing the bar at Fort Smith, Arkansas: *And provided further*, That forty thousand dollars of the above sum shall be expended on the Missouri River, including improvements opposite Saint Joseph, Missouri, and at Nebraska City. Mississippi, Missouri, and Arkansas Rivers. Proviso.

For the improvement of the Mississippi River between the mouths of the Illinois and Ohio Rivers, (fifteen thousand dollars of which are to be expended between the mouths of the Illinois and Missouri Rivers, and thirty thousand dollars of which are to be expended between the foot of Dickey Island and the mouth of the Ohio River, and five thousand dollars of which are to be expended between islands Number Fourteen and Number Fifteen near the town of Kaskaskia, Illinois), two hundred thousand dollars. Mississippi River. How expended.

For removal of a bar in the Mississippi River opposite Dubuque, Iowa, fifteen thousand dollars. Mississippi River opposite Dubuque.

For the improvement of the Ohio River, one hundred and seventy-five thousand dollars. Ohio River.

For the annual expense of gauging the waters of the Lower Mississippi and its tributaries and for continuing observations of the rise and fall of the same, as required by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars. Lower Mississippi, gauging waters. Res. 40, Feb. 21, 1871. R. S., § 252, p. 1021.

For the improvement of the Tennessee River, two hundred and seventy thousand dollars; fifteen thousand dollars of which are to be expended above Chattanooga, and the remaining two hundred and fifty-five thousand dollars are to be expended upon Muscle Shoals. Tennessee River.

To ascertain in current and next fiscal years, as required by act of March third, eighteen hundred and seventy-five, the depth of water and width of channel secured and maintained, from time to time, by James B. Eads, at South Pass of the Mississippi River, and to enable the Secretary of War to report during the construction of the work the payments made from time to time and the probable times of other South Pass of Mississippi River, depth of water. 1875, ch. 134.

payments, and to report during the construction of the work all important facts relating to the progress of the same, materials used, and the character and permanency with which the said jettee and auxiliary works are being constructed, fifteen thousand dollars.

Columbia River Canal.

For the construction of a canal around the cascades of the Columbia River in the State of Oregon, ninety thousand dollars; of which amount the Secretary of War is authorized to expend so much as, in his judgment, may be necessary and proper to secure title and right of way for canal and locks, not exceeding the sum of ten thousand dollars; and whenever, in the prosecution of the said work, it shall have become necessary to obtain the right of way over any lands for the said canal and locks, the Secretary of War shall take possession of and use the said lands, after having purchased the same, or, in case the said lands can not be purchased for a reasonable price, then after having paid for the same, or secured the value thereof, which value may be ascertained in the mode provided by the laws of Oregon for the condemnation of lands for public uses in that State. The Department of Justice shall represent the interests of the United States in any legal proceedings under this act to obtain the right of way for said canal.

Proviso.

Racine.

For the improvement of the harbor at Racine, Wisconsin eight thousand dollars.

Galveston Bay.

For the continuing of the work on the ship channel in Galveston Bay, seventy-two thousand dollars; to be expended between Red Fish Bar and Morgan's Point.

Mouth of Mississippi River. Proviso.

For the improvement of the mouth of the Mississippi River, one hundred thousand dollars: *Provided*, That this appropriation shall not be available whenever and so long as there shall be an open channel of eighteen feet of water, at mean tide, to and from the sea through the South Pass of the Mississippi River to the port of New Orleans.

How appropriations to be applied and expended.

It shall be the duty of the Secretary of War to apply the moneys herein appropriated as far as may be by contract, except when specific estimates can not be made for the particular work, or where, in the judgment of said Secretary, the work can not be contracted at prices advantageous to the Government, and except the appropriations made for examinations and surveys; and such contracts shall be made after sufficient public advertisement for proposals, in such form and manner as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders therefor, accompanied by such securities as the Secretary of War shall require.

Survey of ship-channel in Galveston Bay.

SEC. 2. That the Secretary of War is hereby directed to cause a survey for a ship channel through Galveston Bay, beginning at twelve feet water in the mouth of the San Jacinto River and running out of the mouth of said river east of Morgan's Point to the present channel, through Red Fish Bar; thence through the same, extending through Galveston Harbor, passing west of Half-Moon Shoals and Pelican Island, and to twelve feet water in Galveston Channel; and to cause an estimate of the cost of the same to be made and of the comparative merits of the same, with

the route to the head of Bolivar Channel; and of the effects of the completion of each of said channels on the Galveston Harbor as to shoaling or deepening the same, and report the same to Congress by the first day of December, eighteen hundred and seventy-six, the cost thereof, not to exceed ten thousand dollars, to be paid out of the forty thousand dollars hereinafter appropriated. And the sum of forty thousand dollars is hereby appropriated for incidental repairs of harbors for which there is no special appropriation provided for by law, and for examination and survey of such rivers and harbors, as in the judgment of the Secretary of War, will subserve the general interests of commerce.

Appropriation for repairs and surveys.

SEC. 3. That the Secretary of War is hereby directed to report to Congress on the first Monday of December next what legislation, in his opinion, is necessary to protect the breakwaters, piers, and other public works constructed by the United States against trespasses upon or injury thereto; and the Secretary of War is hereby directed to report to Congress at its next session all the instances in the United States in which piers, breakwaters, or other structures or works built or made by the United States in aid of commerce or navigation, are used, occupied, or injured by a corporation or an individual, and the extent and mode of such use, occupation, or injury, and the facts touching the same. Any person who shall wilfully and unlawfully injure any pier, breakwater, or other work of the United States for the improvement of rivers or harbors, or navigation in the United States, shall, on conviction thereof, be punished by a fine not exceeding one thousand dollars.

Reports by Secretary of War of necessary legislation and unlawful use of piers, et

Approved, August 14, 1876.

Chap. 105.—An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30, 1878, and for other purposes.

Mar. 3, 1877.
Vol. 19, p. 344.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and seventy-eight, namely:

Appropriations, sundry civil expenses.

* * * * *

The requisite amount is hereby appropriated out of any money in the Treasury not otherwise appropriated, to pay all money that may become due and owing to James B. Eades and his associates in in accordance with the provisions of the act approved March third eighteen hundred and seventy-five, prior to the first of February, eighteen hundred and seventy-eight.

James B. Eads, 1875, ch. 134. 18 Stat., 463.

* * * * *

Approved, March 3, 1877.

Dec. 15, 1877.
Vol. 20, p. 246.

[No. 2.] Joint resolution relative to reservoirs to promote the navigation of the Mississippi River.

Reservoirs on Saint Croix River, etc., examination for.

Be it resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, requested to make such preliminary examination of the headwaters of the Saint Croix, Chippewa, and Wisconsin rivers, in the States of Minnesota and Wisconsin, as is consistent with his service, to determine the extent and practicability of reservoirs upon the same, and report to this Congress the result of such examination, together with a compilation of all information and reports in his office bearing upon the subject of reservoirs, by February fifteenth proximo, or as early thereafter as practicable. And that he also report the estimated amount and character of the lands which would be submerged by such reservoirs.

Approved, December 15, 1877.

Feb. 7, 1878.
Vol. 20, p. 24.

Chap. 13.—An act for the removal of obstructions from the Mississippi, Missouri, Arkansas and Red rivers and for the preservation of the public property.

Appropriations

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of forty thousand dollars be and the same is hereby appropriated out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the War Department, for the removal of snags and other obstructions from the Mississippi, Missouri, and Arkansas Rivers, and for the preservation of the government vessels in that service.

Removing obstructions from Mississippi and other rivers.

Opening navigation of Red River, La.

SEC. 2. That the sum of six thousand dollars be and the same is hereby appropriated out of any money in the Treasury not otherwise appropriated, to be expended under the direction of the War Department, for the purpose of opening the navigation of Red River above Shreveport in the State of Louisiana, and keeping said navigation open and free from rafts, and for the purpose of preserving the vessels and boats of the United States employed in that work.

To take effect.

SEC. 3. That this act take effect from the date of its passage.

Approved, February 7, 1878.

Apr. 10, 1878.
Vol. 20, p. 36.

Chap. 58.—An act to authorize the Secretary of War to prescribe rules and regulations to be observed in the preparation, submission, and opening of bids for contracts under the War Department.

Bids for contracts under War Department.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War is hereby authorized to prescribe rules and regulations to be observed in the preparation and submis-

sion and opening of bids for contracts under the War Department; and he may require any bid to be accompanied by a bond in such penal sum as he may deem advisable, with good and sufficient security, conditioned that the bidder will enter into a contract agreeably to the terms of his bid, if the same be awarded to him within sixty days from the date of the opening of the bids, or otherwise pay the penalty. No bid shall be withdrawn by the bidder within the said period of sixty days.

Approved, April 10, 1878.

Chap. 75.—An act to provide for deficiencies in the appropriations for the service of the Government for the fiscal year ending June 30, 1878, and for prior years, for subsistence of the Army, and for other purposes.

Apr. 30, 1878. Vol. 20, p. 41.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated out of any money in the Treasury not otherwise appropriated, for the objects hereinafter expressed, namely:

Deficiency appropriations.

* * * * *

To pay the current expenses of operating the Des Moines Rapids Canal on the Upper Mississippi River until July first, eighteen hundred and seventy-eight, seven thousand five hundred dollars, or so much thereof as may be necessary, the same to be expended under the direction of the Secretary of War.

Des Moines Rapids Canal.

* * * * *

Approved, April 30, 1878.

Chap. 161.—An act making further appropriations for continuing the improvements of Galveston Harbor, State of Texas.

June 7, 1878. Vol. 20, p. 100.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of seventy-five thousand dollars be, and the same is hereby, appropriated, out of any moneys not otherwise appropriated, for the purpose of continuing the improvements of Galveston Harbor, in the State of Texas; which improvements are now being prosecuted under the direction of the Secretary of War, and the appropriation for which is substantially exhausted; and that the said sum be expended under his direction.

Appropriation Galveston Harbor.

Approved, June 7, 1878.

Chap. 191.—An act making appropriations to supply deficiencies in the appropriations for the fiscal year ending June 30, 1878, and prior years, and for those heretofore treated as permanent, for re-appropriations and for other purposes.

June 14, 1878. Vol. 20, p. 115.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to

Deficiency appropriations.

supply deficiencies in the appropriations for the service of the Government for the fiscal year ending June thirtieth, eighteen hundred and seventy-eight, and for former years, and for other purposes, namely:

* * * * *

Balances carried to surplus fund made available. 1874 ch. 328. 18 Stat., 110.

SEC. 2. That the following balances of appropriations, carried to the surplus fund under the provisions of the fifth section of the act approved June twentieth, eighteen hundred and seventy-four, being required to complete the service of the fiscal year eighteen hundred and seventy-five, and prior years, are hereby continued and rendered available for such purpose, namely:

* * * * *

Surveys of western, etc., rivers. 1870, ch. 292. 16 Stat., 300.

For examination and surveys on western and northwestern rivers, there is reappropriated from the balance of fifty thousand dollars appropriated by act of July fifteenth, eighteen hundred and seventy, the sum of three hundred and thirty-four dollars and forty cents.

* * * * *

Alluvial basin of Mississippi. 1874, ch. 411. 18 Stat., 199.

For balance of twenty-five thousand dollars appropriated by act of June twenty-second, eighteen hundred and seventy-four, for commission to investigate and report plan for reclamation of alluvial basin of Mississippi River, five thousand dollars.

* * * * *

Approved, June 14, 1878.

June 15, 1878.
Vol. 20, p. 140.

Chap. 216.—An act to authorize the Barataria Ship Canal Company to construct and operate a ship-canal from New Orleans to the Gulf of Mexico, through the lands and waters of the United States, and to grant to said company the right of way for that purpose.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Barataria Ship-Canal Company, a body corporate of the State of Louisiana, created by an act of the legislature of said State, approved April twenty-fourth, eighteen hundred and seventy-seven, be, and the same is hereby, granted the right of way through the lands and waters of the United States, to enable said company to construct and operate a ship-canal from a point at or near the city of New Orleans to the Gulf of Mexico, through the Barataria Bay, in the State of Louisiana, with power and authority to construct and maintain all necessary harbors, locks, dams, dikes, levees, and piers: *Provided*, The same shall in no manner interfere with or affect the usual and ordinary navigation of said waters where they are not confined either by piers or canal banks constructed by said company, and necessary for the use and operation of said canal: *And provided further*, That Bayou Villars shall not be closed by said canal company.

Barataria Ship-Canal Company.

Right of way, etc.

Proviso.

Proviso.

SEC. 2. That in the transportation of military or naval stores, troops, or munitions of war of the United States,

such rates of toll only shall be charged as may be prescribed by the Secretary of War; and that the tolls or tonnage charges of said company shall not exceed one dollar per ton on the tonnage measurement of any vessel for the round trip through said canal, or half said sum for less than the round trip; and not exceeding twenty-five cents for each passenger through said canal either way: *Provided*, That vessels of five tons burden and less shall be exempt from tolls for the use of said canal when they do not pass through the locks: *And provided further*, That no tolls shall be charged on any boats or vessels navigating any of the waters on the line of said canal, which could have been navigated by such vessels had such canal not been built

Rates of toll.

Proviso.

Proviso.

Approved, June 15, 1878.

Chap. 264.—An act making appropriations for the construction, repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes.

June 18, 1878.

Vol. 20, p. 152.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended, under the direction of the Secretary of War, for the repair, preservation, construction, and completion of the public works hereinafter named:

Appropriations. Rivers and harbors.

For improving Chester River, at Kent Island Narrows, Maryland, three thousand dollars.

Chester River.

For improving harbor at Baltimore, Maryland, seventy-five thousand dollars.

Baltimore.

For improving Wicomico River, Maryland, five thousand dollars.

Wicomico River.

For improving James River, Virginia, seventy thousand dollars.

James River.

For improving Appomattox River, Virginia, thirty thousand dollars.

Appomattox River.

For improving Great Kanawha River, West Virginia, two hundred and twenty-two thousand dollars.

Great Kanawha River.

For improving New River, from Lead Mines in Wythe County, Virginia, to mouth of Greenbrier River, fifteen thousand dollars.

New River.

For improving Cape Fear River, North Carolina, one hundred and sixty thousand dollars.

Cape Fear River.

For improving mouth of Occoquan River, Virginia: Completing the improvement, ten thousand dollars.

Occoquan River.

For improving Aquia Creek, Virginia: Completing the improvement, five thousand dollars.

Aquia Creek.

For improving the Rappahannock River, Virginia, thirteen thousand five hundred dollars.

Rappahannock River.

For improving South Branch of Elizabeth River, Virginia, five thousand dollars.

Elizabeth River.

For continuing construction of ice harbor at New Castle, Delaware, ten thousand dollars.

New Castle.

Norfolk. For improving harbor at Norfolk, Virginia, and its approaches, fifty thousand dollars.

French Broad River. For improving French Broad River, North Carolina, fifteen thousand dollars.

Nansemond River. For improving Nansemond River, Virginia: Completing the improvement, two thousand dollars.

Charleston. For improving harbor at Charleston, South Carolina, two hundred thousand dollars.

Savannah. For improving harbor at Savannah, Georgia, seventy thousand dollars.

Cedar Keys. For improving harbor at Cedar Keys, Florida, twenty thousand dollars.

Apalachicola River. For improving Apalachicola River, Florida, eight thousand dollars.

Chattahoochee River. For improving Chattahoochee River, Alabama and Georgia, eighteen thousand dollars.

Alabama River. For improving Alabama River, twenty-five thousand dollars.

Saint John's River. For deepening the bar at the mouth of Saint John's River, Florida, ten thousand dollars.

Port Clinton. For Port Clinton, Ohio, ten thousand dollars.

Flint River. For improving Flint River, Georgia, ten thousand dollars.

Warrior and Tombigbee Rivers. For improving the Warrior and Tombigbee Rivers, Alabama and Mississippi, forty thousand dollars; of which sum twenty-eight thousand dollars shall be expended on the Warrior and Tombigbee and twelve thousand dollars on the Tombigbee above Columbus.

Galveston Bay. 1876, ch. 267. 19 Stat., 138. For improvement of ship channel in Galveston Bay, Texas, between Boliver Channel and Red Fish Bar, seventy-five thousand dollars; and the appropriation made for this work by the act of fourteenth of August, eighteen hundred and seventy-six, is hereby made available for the same part of said channel.

Mississippi and Arkansas Rivers. For improving Mississippi and Arkansas Rivers: Continuing operations, removing snags, and other obstructions, one hundred and eighty thousand dollars; of which sum ten thousand dollars shall be used for removing the bar in the Arkansas River at Fort Smith.

Missouri River. For the survey of the Missouri River from its mouth to Sioux City, and estimates for the improvement and maintenance of its navigation, fifty thousand dollars.

Missouri River. For the improvement of the Missouri River: Removal of snags, wrecks, and so forth, seventy thousand dollars.

Galveston Harbor. For improving entrance to Galveston Harbor, Texas, fifty thousand dollars.

Sabine Pass. For improving Sabine Pass, Texas, deepening channel at the entrance and at Blue Buck Bar, thirty thousand dollars.

Passo Cavallo Inlet. For improving Passo Cavallo Inlet into Matagorda Bay, Texas, twenty-five thousand dollars.

Ouachita River. For improving Ouachita River, Arkansas and Louisiana, ten thousand dollars.

Yazoo River. For improving Yazoo River, Mississippi, twenty-five thousand dollars.

Red River. For removing raft in Red River and closing Tones Bayou, Louisiana, twenty-four thousand dollars.

For improving Cypress Bayou, Texas and Louisiana, fifteen thousand dollars. Cypress Bayou.

For annual expense of gauging the waters of the Lower Mississippi River and its tributaries: Continuing observations of the rise and fall of the river and its chief tributaries, as required by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars. Lower Mississippi River.

For improving White and Saint Francis Rivers, Arkansas, forty thousand dollars. White and St. Francis Rivers.

For improving the Missouri River, opposite or near Saint Joseph, Missouri, fifty thousand dollars. Missouri River.

For improving mouth of Red River, Louisiana, one hundred and fifty thousand dollars. Red River.

For removing obstructions in Pocomoke River, Maryland, ten thousand dollars. Pocomoke River.

For the improvement of the Missouri River at Council Bluffs, Iowa, and Omaha, Nebraska, fifty thousand dollars. Missouri River.

For improving the Missouri River at Nebraska City, Nebraska, twenty thousand dollars. Missouri River.

For improvement of L'Anguille River, Arkansas, ten thousand dollars. L'Anguille River.

For removing bar in Mississippi River, opposite Dubuque, Iowa, ten thousand dollars. Mississippi River.

For improving Rush Chute and the harbor of Burlington, Iowa, ten thousand dollars. Burlington.

For improving harbor at Fort Madison, Iowa, eight thousand dollars. Fort Madison.

For improving Rock Island Rapids, Mississippi River, thirty thousand dollars. Rock Island Rapids.

For improving Illinois River, seventy-five thousand dollars. Illinois River.

For the improvement of the Mississippi River, between the mouths of the Ohio and Illinois Rivers, two hundred and forty thousand dollars; of which sum twenty thousand dollars shall be expended between the mouths of the Illinois and Missouri Rivers; seventy-five thousand dollars for constructing dam at Cahokia Chute, opposite Saint Louis, forty thousand dollars between the foot of Dickey's Island and the mouth of the Ohio River; and ten thousand dollars between Islands Numbers Fourteen and Fifteen, near the town of Kaskaskia, Illinois. Mississippi River.

For removing snags and other obstructions from Red River, Louisiana, twenty-five thousand dollars. Red River.

For the improvement of the Missouri River above the mouth of the Yellowstone, thirty thousand dollars. Missouri River.

For the improvement of the Mississippi River: Widening and deepening the channel from Saint Paul to Des Moines Rapids, two hundred and fifty thousand dollars. Mississippi River.

For widening and deepening the channel of the Mississippi River from Des Moines Rapids to the mouth of the Ohio, one hundred thousand dollars. Mississippi River.

For the improvement of Mobile Harbor, ten thousand dollars, to be applied to making tests, surveys, and borings to determine whether the ship-channel now leading from Mobile Harbor.

the lower anchorage in Mobile Bay can be deepened so as to admit vessels drawing twenty-two feet, or any less draught above thirteen feet, to the wharves at the city of Mobile.

Cumberland River. For the improvement of Cumberland River above Nashville, Tennessee, sixty thousand dollars; of which sum twenty thousand dollars shall be expended between Nashville and the Kentucky line; thence to the foot of Smith's Shoals, eight thousand dollars; and for Smith's Shoals, thirty thousand dollars; thence to the falls of the Cumberland, two thousand dollars.

Minnesota River. For improving Minnesota River, ten thousand dollars.

Red River. For improving Red River of the North, Minnesota, thirty thousand dollars.

Tennessee River. For improving Tennessee River: Continuing operations above Chattanooga, fifteen thousand dollars; continuing operations below Chattanooga, including Muscle Shoals, three hundred thousand dollars; fifteen thousand dollars of which sum, or so much thereof as may be necessary, to be expended in the improvement of Duck River Shoals, on Tennessee River.

Cumberland River. For improving Cumberland River, below Nashville, Tennessee, forty-five thousand dollars.

Coosa River. For improving Coosa River, between Rome, Georgia, and the Selma, Rome and Dalton Railroad bridge, Alabama, seventy-five thousand dollars.

Hiawassee River. For improving Hiawassee River, Tennessee, ten thousand dollars.

Ocmulgee River. For improving Ocmulgee River, Georgia, fifteen thousand dollars.

Oostenaula and Coosawattee Rivers. For improving Oostenaula and Coosawattee Rivers, Georgia, four thousand dollars.

Little Kanawha River. For improving Little Kanawha River, West Virginia, eighteen thousand dollars.

Wabash River. For improving Wabash River, Indiana, fifty thousand dollars.

Superior Bay. For dredging Superior Bay, Wisconsin: Improving natural entrance to Superior Bay, three thousand dollars; continuing improvement of the harbor of Duluth, thirty thousand dollars.

Ontonagon. For improving harbor at Ontonagon, Michigan, fifteen thousand dollars.

Eagle Harbor. For improving Eagle Harbor, Michigan, eight thousand dollars.

Marquette. For improving harbor at Marquette, Michigan, two thousand dollars.

Menomonee. For improving harbor at Menomonee, Wisconsin, ten thousand dollars.

Green Bay. For improving harbor at Green Bay, Wisconsin, five thousand dollars.

Sturgeon Bay. For improving harbor of refuge, entrance at Sturgeon Bay Canal, thirty thousand dollars.

Ahnapee. For improving harbor at Ahnapee, Wisconsin, eight thousand dollars.

Two Rivers. For improving harbor at Two Rivers, Wisconsin, ten thousand dollars.

For improving harbor at Manitowoc, Wisconsin, fifteen thousand dollars. Manitowoc.

For improving harbor at Sheboygan, Wisconsin, four thousand dollars. Sheboygan.

For improving harbor at Port Washington, Wisconsin, five thousand dollars. Port Washington.

For improving the Mississippi River from the bridge of the Chicago, Milwaukee and Saint Paul Railroad Company above La Crosse, Wisconsin, to the mouth of Root River, below said city, twelve thousand five hundred dollars. Mississippi River.

For improving and deepening the channel of the Ohio River, including the removal of snags, wrecks, and so forth, from Pittsburgh to its mouth, three hundred thousand dollars; of which sum fifty thousand dollars shall be expended at Grand Chain for removal of obstructions and deepening the channel at that point. Ohio River.

For the construction of a harbor or harbors of refuge at or near Cincinnati, to protect the commerce of the Ohio River from floes of ice, fifty thousand dollars, to be expended under the direction and control of the Engineer Corps of the Army. Cincinnati.

For improvement of the harbor at New Orleans, Louisiana, including cost of surveys and estimates fifty thousand dollars. New Orleans.

For the improvement of Monongahela River, West Virginia and Pennsylvania, to be expended in completing lock and dam at Hoard's Rocks, twenty-five thousand dollars. Monongahela River.

For the improvement of harbor at Michigan City, Indiana, seventy-five thousand dollars; of which sum twenty-five thousand dollars shall be expended for the improvement of the inner harbor. Michigan City.

For the improvement of Gut opposite Bath, Maine, seventeen thousand dollars. Bath.

For the improvement of Waddington Harbor, New York, five thousand dollars. Waddington Harbor.

For the improvement of Oakland Harbor, California, eighty thousand dollars; but this sum shall not be available until the right of the United States to the bed of the estuary and training-walls of this work is secured, free of expense to the Government, in a manner satisfactory to the Secretary of War. Oakland Harbor.

For improving harbor at Milwaukee, Wisconsin, fifteen thousand dollars. Milwaukee.

For improving harbor at Racine, Wisconsin, ten thousand dollars. Racine.

For improving harbor at Kenosha, Wisconsin, eight thousand dollars. Kenosha.

For removing wrecks and other obstructions to navigation at Brazos Santiago, Texas, six thousand dollars. Brazos Santiago.

For improving Fox and Wisconsin Rivers, two hundred and fifty thousand dollars. Fox and Wisconsin Rivers.

For improving harbor at Chicago, Illinois: Extending breakwater and dredging channel, seventy-five thousand dollars. Chicago.

For improving harbor at Calumet, Illinois, fifteen thousand dollars. Calumet.

Charlevoix. For improving harbor at Charlevoix, Michigan, twelve thousand dollars.

Frankfort. For improving harbor at Frankfort, Michigan, eight thousand eight hundred dollars.

Manistee. For improving harbor at Manistee, Michigan, fifteen thousand dollars.

Ludington. For improving harbor at Ludington, Michigan, fifteen thousand dollars.

Pentwater. For improving harbor at Pentwater, Michigan, ten thousand dollars.

White River Harbor. For improving harbor at White River, Michigan, twelve thousand dollars.

Grand Haven. For improving harbor at Grand Haven, Michigan, fifteen thousand dollars.

Black Lake. For improving harbor at Black Lake, Michigan, ten thousand dollars.

Saugatuck. For improving harbor at Saugatuck, Michigan, two thousand five hundred dollars

Bayou La Fourches. For removing obstructions in Bayou La Fourches, Louisiana, ten thousand dollars.

South Haven. For improving harbor at South Haven, Michigan, twelve thousand dollars.

Saint Joseph. For improving harbor at Saint Joseph, Michigan, twelve thousand dollars.

Saint Mary's River, etc. For improving Saint Mary's River and Saint Mary's Falls Canal, Michigan, one hundred and seventy-five thousand dollars.

Harbor of Refuge, Lake Huron. For improving Harbor of Refuge, Lake Huron, Michigan, one hundred thousand dollars.

Saint Clair River. For improving Saint Clair River at mouth of Black River, Michigan, one thousand five hundred dollars.

Detroit River. For improving Detroit River, Michigan, one hundred thousand dollars.

Saint Clair Flats. For improving Saint Clair Flats, Michigan, five thousand dollars.

Saginaw River. For improving Saginaw River, Michigan, twenty-five thousand dollars.

Cheboygan. For improving harbor at Cheboygan, Michigan, eight thousand dollars.

Monroe. For improving harbor at Monroe, Michigan, two thousand five hundred dollars.

Toledo. For improving harbor at Toledo, Ohio, fifty thousand dollars.

Guyandotte River. For the improvement of Guyandotte River, West Virginia, two thousand dollars.

Raritan River. For the improvement of the Raritan River, New Jersey, two hundred thousand dollars.

Blackwater River. For the improvement of Blackwater River, Virginia, five thousand dollars.

Hampton River. For the improvement of Hampton River, Virginia, ten ten thousand dollars.

Chickahominy River. For the improvement of Chickahominy River, Virginia, five thousand dollars.

Sabine River. For the improvement of the Narrows above Orange, on the Sabine River, Texas, and deepening the channel at the mouth of said river, ten thousand dollars.

For deepening the channel at the mouth of the Trinity River, Texas, and removing obstructions to Liberty, ten thousand dollars. Trinity River.

For deepening the channel at the mouth of the Neches River, Texas, and removing obstructions to Beaumont, eight thousand dollars. Neches River.

For improving Pascagoula River, Mississippi, and deepening the channel at its mouth, ten thousand dollars. Pascagoula River.

For the improvement of the harbor and the Mississippi River at Memphis, Tennessee, forty-six thousand dollars. Memphis.

For the improvement of Elk River, West Virginia, five thousand dollars. Elk River.

For improving harbor at Sandusky City, Ohio, twenty thousand dollars. Sandusky City.

For improving harbor at Huron, Ohio, one thousand dollars. Huron.

For improving harbor at Vermillion, Ohio, four thousand dollars. Vermillion.

For breakwater at Cleveland, Ohio, and repairs of harbor, one hundred thousand dollars. Cleveland.

For improving harbor at Fairport, mouth of Grand River, Ohio, five thousand dollars. Fairport.

For improving harbor at Ashtabula, Ohio, twelve thousand dollars. Ashtabula.

For improving harbor at Erie, Pennsylvania, twenty-five thousand dollars. Erie.

For improving harbor at Buffalo, New York, eighty thousand dollars. Buffalo.

For improving harbor at Oak Orchard, New York, two thousand dollars. Oak Orchard.

For improving harbor at Charlotte, New York, one thousand dollars. Charlotte.

For improving harbor at Pultneyville, New York, five thousand dollars. Pultneyville.

For improving harbor at Great Sodus Bay, New York, five thousand dollars. Great Sodus Bay.

For improving harbor at Little Sodus Bay, New York, ten thousand dollars. Little Sodus Bay.

For improving harbor at Oswego, New York, ninety thousand dollars. Oswego.

For breakwater at Wilmington, California, twenty thousand dollars. Wilmington.

For improving Sacramento and Feather Rivers, California, fifteen thousand dollars. Sacramento and Feather Rivers.

For improving Lower Willamette and Columbia Rivers, from Portland, Oregon, to the sea, thirty thousand dollars. Lower Willamette and Columbia Rivers.

For improving Upper Willamette River, Oregon, twenty thousand dollars. Upper Willamette River.

For improving Upper Columbia River, including Snake River, twenty thousand dollars. Upper Columbia River.

For constructing a canal around the Cascades of Columbia River, one hundred and fifty thousand dollars. Cascades, Columbia River.

For the improvement of Big Sandy River, from Catlettsburg, Kentucky, to the head of navigation, twelve thousand dollars. Big Sandy River.

Columbia River. For the improvement of the mouth of the Columbia River, Oregon, five thousand dollars, the same or so much thereof as may be necessary to be expended under the direction of the Secretary of War in making a thorough survey of the bar at the mouth of said river and in the preparation of a plan and estimates for its permanent improvement; any balance to be used in the temporary improvement of said bar.

Chester. For repairs of ice-harbor at Chester, Pennsylvania, three thousand four hundred dollars.

Oconee River. For the improvement of the Oconee River, Georgia, ten thousand dollars; of which sum eight thousand dollars shall be expended between Dublin and the Central Railroad bridge, and two thousand dollars between Dublin and the Ocmulgee River.

Galena River. For the improvement of Galena River, Illinois, making a channel of one hundred feet width, and the improvement, of the harbor of Galena, thirty thousand dollars.

Vicksburg. For the improvement of the Mississippi River at and near Vicksburg, Mississippi and protection of harbor at Vicksburg, Mississippi eighty-four thousand dollars.

Salem River. For improving the channel of Salem River, New Jersey, and removing obstructions in the Delaware River at the mouth of Salem River, three thousand dollars.

Missouri River. For improving the Missouri River at Omaha City, Nebraska, thirty thousand dollars.

Saint Croix River. For the improvement of the Saint Croix River, Wisconsin, ten thousand dollars.

Chippewa River. For completing and protecting wing dams and jetties now in course of construction upon the Chippewa River in Wisconsin in and near its mouth and below the lower point of Beef Island, ten thousand dollars: *Provided*, That nothing herein shall be construed, nor shall any expenditure of this appropriation be made so as to affect existing legal or equitable rights in or upon the said Chippewa River or its branches, whether such rights arise under the laws of the United States or the State of Wisconsin.

Proviso.

Missouri River. For the improvement of the Missouri River at Atchison, Kansas, twenty thousand dollars.

Missouri River. For the improvement of the Missouri River at Eastport, Iowa, and Nebraska City, Nebraska, twenty thousand dollars.

Osage River. For the improvement of the Osage River in Missouri and Kansas, twenty thousand dollars.

Missouri River. For the improvement of the Missouri River at or near Fort Leavenworth, Kansas, twenty-five thousand dollars.

Missouri River. For improving the Missouri River at Sioux City, Iowa, twelve thousand five hundred dollars.

Neuse River. For the improvement of the Neuse River, North Carolina, forty thousand dollars.

Pensacola. For the improvement of the harbor, including survey and estimate for removal of wrecks at Pensacola, Florida, twenty thousand dollars.

Currituck Sound. For the improvement of Currituck Sound and North River Bar, North Carolina, twenty thousand dollars.

For the improvement of Scuppernong River, North Carolina, two thousand dollars. Scuppernong River.

For the improvement of Edenton Harbor, North Carolina, four thousand dollars. Edenton Harbor.

For completing the improvement of Black River Harbor, Ohio, one thousand dollars. Black River Harbor.

For the improvement of the harbor at New Haven, Connecticut, twenty-five thousand dollars. New Haven.

For the improvement of the harbor at Darien, Georgia, eight thousand dollars. Darien.

For continuing the improvement of Penobscot River, Maine, twelve thousand dollars; of which sum two thousand five hundred dollars, or so much thereof as may be necessary, shall be expended at or near the Narrows in said river at Bucksport. Penobscot River.

For the improvement of the harbor at Bridgeport, Connecticut, ten thousand dollars; of which sum not less than one-half shall be expended between the lower bridge and the horse-railroad bridge. Bridgeport.

For the improvement of Harlem River, New York, three hundred thousand dollars; but this sum is not to be available until the right of way for this work is secured to the United States free of cost. Harlem River.

For improving harbor at Belfast, Maine, twelve thousand dollars. Belfast.

For improving Richmond Island Harbor, Maine, six thousand dollars. Richmond Island Harbor.

For improving Cocheco River, New Hampshire, six thousand dollars. Cocheco River.

For improving Merrimac River, Massachusetts, below Mitchell's Falls, ten thousand dollars. Merrimac River.

For improving harbor at Boston, Massachusetts, fifty-five thousand dollars. Boston.

For improving harbor at Plymouth, Massachusetts, five thousand dollars. Plymouth.

For improving harbor at Provincetown, Massachusetts, one thousand dollars. Provincetown.

For improving harbor at Hyannis, Massachusetts, three thousand dollars. Hyannis.

For improving Taunton River, Massachusetts, two thousand dollars. Taunton River.

For improving Providence River, Rhode Island; Removing Bulkhead Rock, five thousand dollars. Providence River.

For improving Little Narragansett Bay, Rhode Island and Connecticut, ten thousand dollars. Little Narragansett Bay.

For improving Providence River and Narragansett Bay, fifty thousand dollars. Providence River.

For the improvement of Echo Harbor, New Rochelle, New York, ten thousand dollars. Echo Harbor.

For the improvement of Staten Island Sound, between New Jersey and Staten Island, fifteen thousand dollars. Staten Island Sound.

For improving the harbor of Breton Bay, Leonardtown, Maryland, five thousand dollars. Breton Bay.

For improving the inner harbor at Cambridge, Maryland, five thousand dollars. Cambridge.

Washington and Georgetown. For improving the harbors and channels at Washington and Georgetown, District of Columbia, fifty thousand dollars; of which sum twenty thousand dollars is to be expended in Washington harbor and channel below the Long Bridge, and thirty thousand dollars to be expended in Georgetown harbor and channel.

Connecticut River. For improving Connecticut River, below Hartford, Connecticut, thirty thousand dollars; of which sum five thousand dollars shall be used for dredging the river between Hartford and Middletown, and two thousand dollars for improving the mouth of Salmon River in the town of East Haddam.

Stonington. For improving harbor at Stonington, Connecticut, forty thousand dollars.

Thames River. For improving Thames River, Connecticut, ten thousand dollars.

Milford. For improving harbor at Milford Connecticut, ten thousand dollars.

Housatonic River. For improving Housatonic River, Connecticut, five thousand dollars.

Norwalk. For improving harbor at Norwalk, Connecticut, six thousand dollars.

Port Jefferson. For improving harbor at Port Jefferson, Long Island Sound, New York, eight thousand dollars.

Hudson River. For improving Hudson River, New York, seventy thousand dollars.

Hell Gate. For removing obstructions in East River and Hell Gate, New York, three hundred and fifty thousand dollars.

Passaic River. For improving Passaic River, New Jersey, ten thousand dollars.

East Chester Creek. For improving East Chester Creek, New York, ten thousand dollars.

Rondout. For improving harbor at Rondout, New York, thirty thousand dollars.

Burlington. For improving harbor at Burlington, Vermont, twenty thousand dollars.

Swanton. For improving harbor at Swanton, Vermont, twenty thousand dollars.

Otter Creek. For improving Otter Creek, Vermont, eight thousand dollars.

Lewes. For constructing piers in Delaware Bay, near Lewes, Delaware, twenty thousand dollars.

Wilmington. For improving harbor at Wilmington, Delaware, seven thousand dollars.

Schuylkill River. For improving Schuylkill River, Pennsylvania, thirty thousand dollars.

Delaware River. For improving Delaware River, below Bridesburg, one hundred thousand dollars.

Delaware River. For improving Delaware River, between Trenton and White Hill, New Jersey, ten thousand dollars.

Shrewsbury River. For improving north and south branches of Shrewsbury River, New Jersey, eighteen thousand dollars.

Cohansey Creek. For improving Cohansey Creek, New Jersey, five thousand dollars.

Des Moines Rapids. For improving Des Moines Rapids, and operating the canal, ninety-five thousand dollars.

For improving Upper Mississippi River, from the mouth of the Illinois: Removal of snags and obstructions, forty-one thousand five hundred dollars. Upper Mississippi River.

For continuing surveys and examinations at the South Pass of the Mississippi River, fifteen thousand dollars. South Pass.

It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements, other than surveys and estimates, in carrying on the various works by contract or by hired labor, at his discretion, and as in his judgment may be most advantageous to the government; and, where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders therefor, accompanied by such securities as the Secretary of War shall require. Use and expenditures of appropriations.

SEC. 2. That the Secretary of War is hereby directed at his discretion to cause examinations or surveys, or both, and estimates of cost of improvements proper to be made at the following points, namely: Surveys and examinations.

Portsmouth Harbor, New Hampshire; Portsmouth.

For improving the navigation at the Falls on Red River near Alexandria Louisiana; Red River Falls.

The Mispillion Creek; Delaware; Mispillion Creek.

Cape Foulweather, Oregon, to ascertain its adaptability as a harbor of refuge; Cape Foulweather.

The entrance of Coos Bay. Coos Bay.

The Conecuh, Patsaligo, and Escambia Rivers, Alabama; Conecuh, etc., rivers.

The Yadkin, North Carolina, between the bridge on the North Carolina Railroad and Wilkesborough; Yadkin River.

Flushing Bay, New York; Flushing Bay.

The Thames River Connecticut; Thames River.

The Big Sunflower, Chickasahoy, Tallahatchie, Cold Water, Pearl, and Pascagoula, Mississippi; and the expenses of survey of the Pascagoula shall be defrayed out of the sum herein appropriated for the improvement thereof; Big Sunflower, etc., rivers.

North Landing River, Virginia; North Landing River.

Annacock Harbor, Virginia; Annacock Harbor.

The Salem River, New Jersey, between Sharpstown and Delaware Canal. Salem River.

The Suwannee River, Florida; Suwannee River.

The Caloosahatchie River, Florida; Caloosahatchie River.

Mississippi River at and above the city of Alexandria, Missouri; Mississippi River.

The mouth of Hillsborough River and Tampa Bay, Florida; Hillsborough River.

Caney's Fork and Obey's Rivers, Tennessee· Caney's Fork and Obey's River.

Bayou Bartholomew, Arkansas; Bayou Bartholomew.

Upper Red River, from the raft up to the Missouri, Kansas and Texas Railroad Bridge; and also the Brazos River in Texas from eight miles above its mouth, down through its mouth to the outer edge of the bar in the Gulf of Mexico. Upper Red River. Brazos River.

Aransas Pass. Aransas Pass and Bay, up to Rockport and Corpus Christi, Texas; and Corpus Christi Pass and Channel;

Little River. Little River, Arkansas;

Saline River. Saline River, Arkansas;

Brazos River. The bar at the mouth of Brazos River, Texas, including a report upon the capacity of the harbor at the mouth of the Brazos, and its adaptability as a harbor of refuge and naval station;

Missouri River. The Missouri River at Cedar City, in Callaway County, Missouri;

Missouri River at the city of St. Charles, Missouri;

Yellow Stone River. Yellow Stone River;

Nottaway River. The Nottoway River, Virginia;

Long Island coast. The coast of Long Island, New York, between Coney Island Point and Rockaway Inlet, in New York Bay;

Sheepshead Bay. Sheepshead Bay, New York;

Carnasie Bay. Canarsie Bay, New York;

Chattahoochee River. The Chattahoochee River, Georgia, above Columbus;

Flint River. The Flint River, Georgia, from Albany to Montezuma;

Etowah River. The Etowah River, Georgia;

Savannah River. The Savannah River, above Augusta, Georgia;

Fonche La Fave. The Fonche La Fave in Arkansas;

San Luis Obispo. The harbor of San Luis Obispo, California, with a view to the practicability of building breakwater;

San Buenaventura. The harbor of San Buenaventura, California, with a view to the practicability of building breakwater;

Santa Barbara. The harbor of Santa Barbara, California, with a view to the practicability of building breakwater;

St. Louis dike. The Mississippi River, to ascertain the practicability, cost, and utility of a dike from Bloody Island, opposite the city of Saint Louis, Missouri, north to the dike or dam opposite Brooklyn, on the Illinois shore;

Damages at Venice. A survey and estimate of the damages, if any, done, or to be done, to riparian owners of lands, and improvements thereon, at or in front of the town of Venice, Illinois, near Saint Louis, Missouri, by reason of government improvements made, or to be made, at or near said town of Venice;

Dan River. Dan River, Virginia, from Clarksville, via Danville, Virginia, to Danbury, North Carolina;

Staunton River. Staunton River, from Roanoke Depot, in Charlotte County, Virginia, to Brookneal, in the county of Campbell, Virginia;

New River. New River, from the Lead Mines in Wythe County to the mouth of Wilson in Grayson County, Virginia;

Quincy The harbor at Quincy, Illinois;

Tones Bayou, etc. Tones Bayou, Bayous Pierre and Wincey and Lakes Bayou Pierre and Cannasanier, Louisiana;

Scituate. Scituate Harbor, Massachusetts, with a view to its adaptability as a harbor of refuge;

Tongapahoe River. Tongapahoe River, Louisiana;

Wolf River. Wolf River, from Lake Boygan to Red River, Wisconsin;

Arkansas River. The Arkansas River, from Fort Smith, Arkansas, to the mouth of Little Arkansas;

Woodbridge Creek. Woodbridge Creek, Middlesex County, New Jersey;

Elizabeth River. Elizabeth River, New Jersey;

Rahway River, New Jersey; — Rahway River.

Charles River, Massachusetts, to the head of tide-water; — Charles River.

Manasquan River, New Jersey; — Manasquan River.

White River, Indiana, including the East Fork to the new bridge in course of construction near Bedford, and the West Fork to the town of Gosport; — White River.

Portage Lake, Manistee County, Michigan, with a view to its adaptability as a harbor of refuge; — Portage Lake.

Westport Harbor, Massachusetts; — Westport.

Wood's Holl, Massachusetts; — Wood's Holl.

Peedee River, from Cheraw, South Carolina, to the mouth of Uwharic River, North Carolina; — Peedee River.

The bars at the entrance of Annapolis Harbor, Maryland, with a view to accommodation of deep-draught vessels at low tide; — Annapolis.

West Branch of the Patapsco River, Maryland, from Lightstreet bridge to head of tide-water, and an estimate of the cost of making the same navigable for canal-boats; — Patapsco River, West Branch.

The Kentucky River and navigable tributaries, Kentucky; — Kentucky River.

The Licking River, Kentucky; — Licking River.

The falls of the Cumberland, Kentucky; — Cumberland Falls.

Clearwater River, Idaho; — Clearwater River.

The Missouri and Kansas Rivers, at and near their junctions; — Missouri and Kansas Rivers.

The Trent River, North Carolina; — Trent River.

Neuse River, from Smithfield to Goldsborough, North Carolina; — Neuse River.

Chowan River, North Carolina; — Chowan River.

The Tar River, North Carolina, from Washington to Tarborough; — Tar River.

Humboldt River, California, with a view to its adaptability as a harbor of refuge. — Humboldt River.

Crescent City Harbor, California, with a view to its adaptability as a harbor of refuge; — Crescent City Harbor.

The examination of the sources of the Mississippi River and of the Saint Croix River in Wisconsin and Minnesota, and of the Chippewa and Wisconsin Rivers in the State of Wisconsin, to determine the practicability and cost of creating and maintaining reservoirs upon the headwaters of said rivers and their tributaries for the purpose of regulating the volume of water and improving the navigation of said rivers, and that of the Mississippi River, and an estimate of the damage to result therefrom to property of any kind; — Reservoirs on Mississippi, St. Croix, Chippewa, and Wisconsin Rivers.

The Muskingum River, Ohio, below the second dam, to ascertain its adaptability for an ice-harbor, for the protection of steamers and other craft on the Ohio River; — Muskingum River.

Colorado of the West from Fort Yuma to El Dorado Canon; — Colorado of the West.

The Kiskiminetas and Conemaugh Rivers, Pennsylvania, from the mouth of the Kiskiminetas to the mouth of Stony Creek on the Conemaugh; — Kiskiminetas and Conemaugh Rivers.

The Allegheny River, up to the mouth of French Creek; — Allegheny River.

The Kankakee River, Illinois, and Indiana; — Kankakee River.

Lincolnville Harbor.

Lincolnville Harbor, Maine;

Lubec Channel.

Lubec Channel, Maine;

Apalachicola Bay.

Apalachicola Bay, Florida;

East River.

East River, New York, at its junction with Newtown Creek;

Maryland and Delaware peninsula canal.

The peninsula of Maryland and Delaware, with a view to a construction of a ship-canal to connect the waters of the Delaware and Chesapeake Bays;

Florida Peninsular Canal.

The peninsulas of Florida with a view to the construction of a ship canal from the Saint Mary's River to the Gulf of Mexico;

Duck Creek.

Duck Creek, Delaware;

St. John's River.

The mouth of Saint John's River, Florida;

Kansas River.

The Kansas River from its mouth to Junction City, Kansas;

Delaware River.

The Delaware River below League Island;

St. John's River.

For survey of the Saint John's River, Florida, between Lake George and Lake Monroe, and estimates of cost of deepening the Volusia Bar and straightening the river by cut-offs;

Port Orford.

Port Orford, Oregon, to ascertain its adaptibility for a harbor of refuge;

Rogue River.

Rogue River, Oregon, between Scottsburg and its mouth;

Coquille River.

Coquille River, Oregon;

Alsea River and Bay.

Alsea River and Bay, Oregon;

Water lines from Norfolk to Cape Fear River.

That the sum of twenty thousand dollars is hereby appropriated, out of any moneys in the Treasury not otherwise provided for, for the purpose of having a complete survey and examination of all the water lines and routes leading or that may lead from the Harbor of Norfolk to the Atlantic Ocean south of Hatteras, including any communication that may be practicable with the Cape Fear River;

What lines to be surveyed.

and the said examination and survey shall embrace the line known as the Dismal Swamp line and the line known as the Albermarle and Chesapeake Canal line, and all other routes and lines that may be practicable in the waters of Eastern North Carolina connecting Norfolk Harbor by inland navigation with the ocean south of Cape Hatteras.

Examinations, etc.; appropriation.

SEC. 3. That for the examinations and surveys herein provided for, and for incidental repairs of harbors for which there is no special appropriation, the sum of one hundred and fifty thousand dollars is hereby appropriated, to be paid out of any moneys in the Treasury no otherwise appropriated.

Approved, June 18, 1878.

June 19, 1878.

Vol. 20, p. 168.

CHAP. 313.—An act to amend an act entitled "An act making appropriations for the repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes," approved March 3, A. D. 1875

James B. Eads. Payments to, how to be made.

1875, ch. 134
18 Stat., 463

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the fourth and succeeding sections of an act entitled "An act making appropriations for the repair, preservation, and

completion of certain public works on rivers and harbors, and for other purposes", approved March third, anno Domini eighteen hundred and seventy-five authorizing James B. Eads and his associates to create and permanently maintain a wide and deep channel between the South Pass of the Mississippi River and the Gulf of Mexico, be, and they are hereby, amended so as to provide that payments shall be made to said Eads, his assigns or legal representatives, as follows, namely:

Amended.

SEC 2 The Secretary of War is hereby authorized and directed to draw his warrant upon the Secretary of the Treasury of the United States in favor of James B Eads, his assigns or legal representatives, for the sum of five hundred thousand dollars, so soon as the said Eads, his lawful assigns or legal representatives, shall file with the said Secretary of War a relinquishment of all claim to the payment of five hundred thousand dollars provided by the hereinbefore recited act to be paid when a channel twenty-four feet in depth and not less than two hundred and fifty feet in width shall have been obtained. And the Secretary of the Treasury is hereby authorized and directed to pay to said Eads, his lawful assigns or legal representatives, the sum for which said warrant is drawn.

Payment of five hundred thousand dollars.

SEC 3 The Secretary of War is further hereby authorized and directed upon his approval of the engineers statement in this section mentioned to draw his warrant upon the Secretary of the Treasury of the United States in favor of said James B. Eads, his lawful assigns or legal representatives, monthly, for such sums, not exceeding in the aggregate the gross sum of five hundred thousand dollars, as he or they may require in the prosecution of the works authorized by said hereinbefore recited act, to pay for materials furnished, labor done, and expenditures incurred, from and after the passage of this act, in the construction of said works: *Provided*, That said Eads or his legal representatives, shall file in the office of the Secretary of War, with each requisition made by him or them, a certified statement, which shall be made by the engineer officer provided for in said act, that the requisition is for the amount of work properly done, materials furnished, and expenditures incurred in the prosecution of the work: *And provided*, That said Eads, his lawful assigns or legal representatives shall file with the Secretary of War a relinquishment of all claim to the deferred payment of two hundred and fifty thousand dollars provided by the hereinbefore recited act to be paid when a channel twenty-four feet in depth and not less than two hundred and fifty feet in width shall have been maintained for twelve months consecutively: *And provided further*, That said Eads, his lawful assigns or legal representatives shall from time to time, as monthly installments of the remaining two hundred and fifty thousand dollars are paid, file with the Secretary of War a relinquishment of like amounts, to be deducted from the payment of five hundred thousand dollars provided by the hereinbefore recited act to be paid when a channel twenty-six feet in depth and not less than three hundred feet in width shall have been

Monthly payments, amounting to five hundred thousand dollars.

Certificates of work, etc.

Relinquishment of deferred payment.

Further relinquishment.

obtained. And the Secretary of the Treasury is hereby authorized and directed to pay to said Eads, his lawful assigns or legal representatives, the sums for which said warrants are drawn. All other payments to said James B Eads his lawful assigns or legal representatives are to be made under and in pursuance of the provisions of the hereinbefore recited act; the whole of said act, except as the same is hereby expressly modified or amended, to have the same force and effect as if this act had not been passed.

Remaining payments according to former act.

Board of engineers to examine and report.

SEC. 4 The President of the United States is hereby authorized and directed to convene a board of five engineers of the Army, which said board shall visit the works in process of construction by said James B. Eads at the South Pass of the Mississippi River, and make an examination of the same, and make a full report of the progress made in the construction of the works, the probable cost of their completion, and the results produced, or that may properly be produced by them, their probable permanency, and of the advisability of any modification of the terms of the act under which said Eads is constructing said works, so far as regards dimensions of channel through the jetties, and of the terms of payment for the same; which said report shall be submitted to the Secretary of War, to be presented at the next session of Congress

Approved, June 19, 1878.

June 20, 1878.

Vol. 20, p. 206.

CHAP. 359.—An act making appropriations for sundry civil expenses of the government for the fiscal year ending June 30, 1879, and for other purposes.

Appropriations. Sundry civil expenses.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated for the objects hereinafter expressed for the fiscal year ending June thirtieth, eighteen hundred and seventy-nine, namely:

* * * * *

Hartford and New York Steamboat Company.

To enable the Secretary of War to pay to the Hartford and New York Steamboat Company for dredging done in the Connecticut River, under the direction of Major G. K. Warren, United States Engineers, in the months of July, August, and September, eighteen hundred and seventy-six, four thousand two hundred and three dollars.

G. F. Wheeler. R. H. Hotchkiss. A. Walters. 1875, ch. 166. 18 Stat., 506.

For payment of George F. Wheeler, Robert H. Hotchkiss and Aaron Walters, for services rendered by them as commissioners appointed pursuant to an act of Congress of March third, eighteen hundred and seventy-five, to appraise damages to lands in Fond du Lac County Wisconsin, caused by the improvement of the Fox and Wisconsin Rivers, five thousand three hundred and ten dollars.

* * * * *

James B. Eads.

The requisite amount is hereby appropriated, out of any money in the Treasury not otherwise appropriated, to pay all money that may become due and owing to James B.

Eads and his associates, or that may become payable to said Eads, his assigns or legal representatives, in accordance with the provisions of the act approved March third, eighteen hundred and seventy-five, and the act amendatory thereof, prior to the first day of February, eighteen hundred and seventy-nine.

1875, ch. 134, 18 Stat., 463. 1878, ch. 313, *ante*, p. 168.

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Approved, June 20, 1878.

CHAP. 16.—An act for the relief of the legal representatives of George Williams deceased.

Jan. 13, 1879. Vol. 20, p. 591.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and is hereby, authorized to adjust and settle, upon just and equitable terms, the claim of George Williams for balance due for building locks two, three, and four of Muscle Shoals Canal on Tennessee River, and on a contract for section-work, done under power of attorney from Matthew G. Kennedy: *Provided*, That in making said settlement the said Secretary of War shall not allow the legal representatives of said George Williams, deceased, more than his actual expenditures, with reasonable compensation for the use of tools, and for money advanced in the prosecution of said work: *And provided further*, That no allowance or payment shall be made under this act except in pursuance of a recommendation of a board of not less than three engineers to be appointed by the Secretary of War to inquire into and report upon the character and value of the work done and the merits of the claim.

George Williams. Settlement of claim.

Approved, January 13, 1879.

CHAP. 181.—An act making appropriations for the construction, repair, preservation, and completion of certain works on rivers and harbors, and for other purposes.

March 3, 1879. Vol. 20, p. 363.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended, under the direction of the Secretary of War, for the construction, completion, repair and preservation of the public works hereinafter named:

Appropriations. Rivers and harbors.

For improving Penobscot River, Maine, six thousand dollars.

Penobscot River.

For improving harbor at Belfast, Maine, five thousand dollars.

Belfast Harbor.

For improving Richmond Island Harbor, Maine, three thousand dollars.

Richmond Island Harbor.

For improving Kennebunk River, Maine, two thousand dollars.

Kennebunk River.

Merrimac River. For improving Merrimac River, Massachusetts, five thousand dollars.

Plymouth Harbor. For repair of harbor at Plymouth, Massachusetts, three thousand five hundred dollars

Provincetown Harbor. For the maintenance and annual repairs of the harbor at Provincetown, Massachusetts, one thousand dollars.

Hyannis Harbor. For improving the harbor of Hyannis, Massachusetts, two thousand five hundred dollars; of which sum five hundred dollars, or so much thereof as may be necessary, shall be expended in the removal of the wreck at that point.

Taunton River. For improving Taunton River, Massachusetts, one thousand dollars.

Providence River and Narragansett Bay. For improving Providence River and Narragansett Bay, Rhode Island, sixty thousand dollars.

Little Narragansett Bay. For improving Little Narragansett Bay, Rhode Island and Connecticut, five thousand dollars.

Connecticut River. For improving Connecticut River below Hartford, Connecticut, including dredging between Hartford and Middletown, ten thousand dollars.

Stonington Harbor. For improving harbor at Stonington, Connecticut, thirty-seven thousand five hundred dollars.

Thames River. For improving Thames River, Connecticut, to secure a fourteen-foot channel twelve thousand dollars.

Bridgeport Harbor. For improving harbor at Bridgeport, Connecticut, ten thousand dollars.

Norwalk Harbor. For improving harbor at Norwalk, Connecticut, ten thousand dollars: of which sum not exceeding one thousand five hundred dollars shall be expended on the bar below the bridge.

Port Jefferson Harbor. For improving harbor at Port Jefferson, Long Island Sound, New York, five thousand dollars.

New Haven Harbor. For improving harbor at New Haven, Connecticut, fifteen thousand dollars.

Hudson River. For improving Hudson River, New York, thirty thousand dollars.

East River and Hell Gate. For removing obstructions in East River and Hell Gate, New York, two hundred and fifty thousand dollars.

Echo Harbor. For improving Echo Harbor, New Rochelle, New York, three thousand dollars.

Plattsburg Harbor. For improving harbor at Plattsburg, New York, dredging, two thousand dollars.

Raritan River. For improving Raritan River, New Jersey, sixty thousand dollars.

Superior Bay. For improving Superior Bay, Wisconsin, five thousand dollars.

Duluth Harbor. For improving Duluth Harbor, Minnesota, twenty-five thousand dollars.

Passaic River. For improving Passaic River, New Jersey, two thousand dollars.

East Chester Creek. For improving East Chester Creek, New York, three thousand five hundred dollars.

Burlington Harbor, Vt. For improving harbor at Burlington, Vermont, fifteen thousand dollars.

Swanton Harbor. For improving harbor at Swanton, Vermont, six thousand dollars.

For improving Otter Creek, Vermont, five thousand dollars. Otter Creek.

For constructing pier in Delaware Bay, near Lewes, Delaware, ten thousand five hundred dollars. Lewes Pier.

For piers of ice-harbor at New Castle, Delaware, five thousand five hundred dollars Newcastle ice-harbor.

For improving harbor at Wilmington, Delaware, three thousand five hundred dollars. Wilmington Harbor, Del.

For improving Schuylkill River, Pennsylvania, twenty-five thousand dollars. Schuylkill River.

For improving Delaware River below Bridesburg, Pennsylvania, forty-five thousand dollars. Delaware River.

For improving Delaware River between Trenton and White Hill, New Jersey, six thousand dollars. Delaware River.

For the improvement of the navigation of the Allegheny River from the mouth of French Creek to Pittsburg, Pennsylvania, ten thousand dollars Allegheny River.

For improving Cohansey Creek, New Jersey, four thousand five hundred dollars. Cohansey Creek.

For improving harbor at Baltimore, Maryland, one hundred and sixty thousand dollars. Baltimore Harbor.

For improving Wicomico River, Maryland, three thousand dollars. Wicomico River.

For improving James River, Virginia, seventy-five thousand dollars. James River.

For improving Appomattox River, Virginia, twenty thousand dollars. Appomattox River.

For improving Great Kanawha River, West Virginia, one hundred and fifty thousand dollars. Great Kanawha River. 1879, ch. 15.

For improving Cape Fear River, North Carolina, one hundred thousand dollars. Cape Fear River.

For improving Breton Bay, Leonardtown, Maryland, four thousand dollars Breton Bay.

For improving mouth of Nomoni Creek, Virginia, two thousand five hundred dollars. Nomoni Creek.

For improving Rappahannock River, Virginia, ten thousand dollars. Rappahannock River.

For improving harbor at Norfolk, Virginia, and its approaches, seventy-five thousand dollars. Norfolk Harbor.

For improving the harbors and channels at Washington and Georgetown, District of Columbia, fifty thousand dollars; of which sum twenty thousand dollars shall be expended in dredging the channel of the Potomac River between the Long Bridge and the United States Arsenal, and thirty thousand dollars shall be expended in Georgetown harbor and channel; and the whole of said sum of fifty thousand dollars is hereby directed to be so expended as to produce the greatest immediate benefit to navigation and commerce. Washington Harbor. Georgetown Harbor.

For improving Blackwater River, Virginia, two thousand five hundred dollars. Blackwater River.

For improving Neuse River, North Carolina, forty-five thousand dollars. Neuse River.

For improving Hampton River, Virginia, two thousand dollars. Hampton River.

Chickahominy River. For improving Chickahominy River, Virginia, one thousand dollars.

French Broad River. For improving French Broad River, North Carolina, five thousand dollars.

Pamlico River. For improving Pamlico River, North Carolina, three thousand dollars.

Edenton Harbor. For improving harbor at Edenton, North Carolina, one thousand dollars.

Charleston Harbor, S. C. For improving harbor at Charleston, South Carolina, two hundred thousand dollars.

Savannah Harbor. For improving harbor at Savannah, Georgia, one hundred thousand dollars.

Fernandina and Saint John's Passage. For improving inside passage between Fernandina and Saint John's, Florida, seven thousand dollars.

Cedar Keys Harbor. For improving harbor at Cedar Keys, Florida, including removal of wrecks, fifteen thousand dollars.

Choctawhatchee River. For improving Choctawhatchee River, Florida and Alabama, five thousand dollars.

Alabama River. For improving Alabama River, Alabama, thirty thousand dollars.

Chattahoochie River. For improving Chattahoochie, River, Georgia, fifteen thousand dollars.

Flint River. For improving Flint River, Georgia, seven thousand dollars.

Saint Augustin's Creek. For improving Saint Augustin's Creek, Georgia, five thousand dollars.

Warrior and Tombigbee Rivers. For improving Warrior and Tombigbee Rivers, Alabama and Mississippi, thirty thousand dollars; of which sum ten thousand dollars shall be expended on the Tombigbee above Columbus, and twenty thousand dollars on the Warrior and Tombigbee below Columbus.

Apalachicola River, etc. For improving the Apalachicola River, Florida, including the slough connecting the Apalachicola with the Chippola River, five thousand dollars.

New River. For improving New River from Lead Mines in Wythe County, Virginia, to mouth of Greenbrier, twelve thousand dollars.

Pensacola Harbor. For improving Pensacola Harbor, Florida, ten thousand dollars

New Orleans Harbor. For improving harbor at New Orleans, Louisiana, sixty thousand dollars.

Sabine Pass. For deepening channel of Sabine Pass and at Blue Buck Bar, Texas, twenty-five thousand dollars.

Galveston Harbor. For improving entrance to Galveston Harbor, Texas, one hundred thousand dollars.

Sabine River. For improving Narrows of Sabine River above Orange, Texas, and to deepen the channel at the month of the Sabine River, six thousand dollars

Trinity River. For improving mouth of Trinity River, Texas, two thousand five hundred dollars.

Neches River. For improving mouth of Neches River, Texas, five thousand dollars.

Passo Cavallo Inlet. For improving Passo Cavallo Inlet into Matagorda Bay, Texas, twenty-five thousand dollars.

Examination and surveys of South Pass. For examinations and surveys of South Pass of the Mississippi River: To ascertain the depth of water and width

of channel secured and maintained from time to time by James B. Eads at the South Pass of the Mississippi River, and to enable the Secretary of War to report during the construction of the work the payments made from time to time, and the probable times of other payments, and to report during the construction of the work all important facts relating to the progress of the same, materials used, and the character and permanency with which the said jetties and auxiliary works are being constructed, as required by act approved March third, eighteen hundred and seventy-five, and act approved June nineteenth, eighteen hundred and seventy-eight, which impose on the engineer officer the duty of certifying to the correctness of expenditures for labor, material, and so forth, amounting to five hundred thousand dollars, to be paid Mr. Eads in monthly installments, twenty-four thousand dollars.

1875, ch. 134, 18 Stat., 463. 1878, ch. 313.

For removing raft in Red River and closing Tones Bayou, Louisiana, fifteen thousand dollars.

Red River Raft.

For removing obstructions from Red River, Louisiana, twenty-two thousand five hundred dollars.

Red River.

For improving Cypress Bayou, Texas and Louisiana, six thousand dollars.

Cypress Bayou.

For improving mouth of Red River, Louisiana, forty thousand dollars.

Red River.

For improving harbor and the Mississippi River at Memphis, Tennessee, thirty-seven thousand dollars.

Mississippi River.

For improving Mississippi River at and near Vicksburg, and protection of harbor at Vicksburg, Mississippi, fifty thousand dollars.

Mississippi River.

For improving Ouachita River, Arkansas and Louisiana, ten thousand dollars

Ouachita River.

For improving Yazoo River, Mississippi, fifteen thousand dollars.

Yazoo River.

For annual expense of gauging the waters of the Mississippi River and its tributaries: Continuing observation of the rise and fall of the river and its chief tributaries, as required by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars.

Mississippi River. 1871, res. 40, 16 Stat., 598.

For improving Mississippi, Missouri, and Arkansas Rivers: Removing snags, sand-bars, wrecks, and other obstructions, and correcting and deepening the channel, one hundred and ninety thousand dollars; of which sum one hundred thousand dollars shall be expended on the Mississippi River, sixty thousand dollars shall be expended on the Missouri River, and thirty thousand dollars shall be expended on the Arkansas River.

Mississippi, Missouri, and Arkansas rivers.

For improving Mississippi River from Saint Paul to Des Moines Rapids, one hundred thousand dollars: *Provided*, That not exceeding twenty thousand dollars thereof may be used by the Secretary of War in his discretion in making a practical test of the flume invented by M. J. Adams, the said test to be made under the supervision and direction of said Adams, but without compensation to said Adams for his services; *And provided further*, That such test shall not be made until the right shall be secured to the United States to use said flume, in the event of the favorable result

Mississippi River. *Proviso.* Adams's flume. *Proviso.*

of said test, upon terms satisfactory to the Secretary of War.

Missouri River. For survey of Missouri River from its mouth to Fort Benton, Montana, thirty thousand dollars.

Missouri River. For improving Missouri River at or near Fort Leavenworth, ten thousand dollars.

Arkansas River. For improvement of Arkansas River, between Fort Smith, Arkansas, and Wichita, Kansas, twenty thousand dollars.

Missouri River. For improving Missouri River at Sioux City, Iowa, ten thousand dollars; which sum shall be available on the passage of this act.

Missouri River. For improving Missouri River at Atchison, Kansas, twenty thousand dollars.

Missouri River. For improving Missouri River opposite Saint Joseph, nine thousand dollars.

Missouri River. For improving Missouri River at Eastport, Iowa, and at Nebraska City, Nebraska, thirty thousand dollars.

Missouri River. For improving Missouri River at Council Bluffs, Iowa, and at Omaha, Nebraska, fifty thousand dollars.

Missouri River. For improving Missouri River above mouth of the Yellowstone River, forty-five thousand dollars.

Mississippi River. For improving the Mississippi River between the mouths of the Illinois and Ohio Rivers, two hundred thousand dollars; of which sum, fifteen thousand dollars shall be expended between the mouths of the Illinois and Missouri Rivers, thirty thousand dollars between the foot of Dickey's Island and the mouth of the Ohio River, and eight thousand dollars between Islands Numbers Fourteen and Fifteen, near the town of Kaskaskia, Illinois.

Upper Mississippi River. For improving Upper Mississippi River: Operating snag-boat twenty thousand dollars.

Mississippi River. For improving Mississippi River from Des Moines Rapids to mouth of the Illinois River, forty thousand dollars.

White River. For improving White River, Arkansas, ten thousand dollars.

Rush Chute. For improving Rush Chute and the harbor of Burlington, Iowa, five thousand dollars.

Fort Madison Harbor. For improving harbor at Fort Madison, Iowa, three thousand six hundred dollars.

Mississippi River. For removing bar in the Mississippi River opposite Dubuque, Iowa, four thousand dollars.

Des Moines Rapids. For improving Des Moines Rapids, twenty-five thousand dollars.

Canal at Des Moines Rapids. For operating the canal at Des Moines Rapids, forty thousand dollars.

Rock Island Rapids. For improving Rock Island Rapids, Mississippi River, six thousand dollars

Galena River. For improving Galena River and harbor, Illinois, twelve thousand dollars

Saint Croix River. For improving Saint Croix River below Taylor's Falls, eight thousand dollars.

Red River of the North. For improving Red River of the North, Minnesota, and Dakota, exclusively for dredging, twenty-five thousand dollars.

Illinois River. For improving Illinois River, forty thousand dollars.

For improving Cumberland River below Nashville, Tennessee, forty thousand dollars. *Cumberland River.*

For improving Fourche Le Fevre River, Arkansas, ten thousand dollars. *Fourche Le Fevre River.*

For improving Cumberland River above Nashville, Tennessee, thirty-nine thousand dollars; of which sum eighteen thousand dollars shall be expended from Nashville to the Kentucky line, six thousand dollars from the Kentucky line to Smith's Shoals, and fifteen thousand dollars at Smith's Shoals. *Cumberland River.*

For improving Tennessee River above Chattanooga, eleven thousand five hundred dollars. *Tennessee River.*

For improving Tennessee River below Chattanooga, including Muscle Shoals, and Duck River Shoal, and the Shoal at Reynoldsburg, two hundred and ten thousand dollars: *Provided*, That whenever, in the prosecution or maintenance of the work of improving Tennessee River between Decatur and Florence, in the State of Alabama, it may be necessary, in the judgment of the Secretary of War, to take possession of any lands for canals or cut-offs, and a reasonable price for the same can be agreed upon between the owner of said lands and the officer in charge of said work on the part of the United States, the Secretary of War may authorize the purchase of said lands: *Provided*, That in case the owners of said lands shall refuse to sell the same at a reasonable price, then the price to be paid shall be determined, and the title and jurisdiction procured, in the manner prescribed by the laws of the State of Alabama; *And provided*, That in either case the entire cost of such lands to the United States shall not exceed ten thousand dollars. *Tennessee River.* *Proviso.* *Lands for cut-offs.* *Proviso.* *Condemnation.* *Proviso.* *Total cost.*

In consideration of the proposition of the Buffalo Bayou Ship Channel Company to turn over their work at Morgan's Point, and to surrender their charter granted by the legislature of Texas, and the rights accruing thereunder, to the United States, which proposition is now on file in the War Department, and is hereby accepted, the Government hereby adopts the line surveyed from the cut in Red Fish Bar to the cut in Morgan's Point, and the sum of eighty thousand dollars is hereby appropriated for the improvement of that line; *Provided*, That no part of said sum shall be expended until said Buffalo Bayou Ship Channel Company shall file with the Secretary of War in manner and form to be by him approved, their acceptance of this provision of this act. *Buffalo Bayou Ship Channel.* *Proviso.*

For improving Coosa River, Georgia and Alabama, forty-five thousand dollars *Coosa River.*

For improving Hiwassee River, Tennessee, three thousand dollars. *Hiwassee River.*

For improving Oostenaula and Coosawattee Rivers, Georgia, three thousand dollars. *Oostenaula and Coosawattee Rivers.*

For improving Ocmulgee River, Georgia, seven thousand dollars. *Ocmulgee River.*

For improving Oconee River, Georgia, one thousand five hundred dollars. *Oconee River.*

For an ice harbor at the mouth of the Muskingum River, Ohio, thirty thousand dollars. *Muskingum River ice-harbor.*

Ohio River. For improving the Ohio River, two hundred and fifty thousand dollars; of which sum fifty thousand dollars, or so much thereof as may be necessary, shall be expended in the removal of obstructions at Grand Chain, and not exceeding one hundred thousand dollars on the Davis Island Dam.

Little Kanawha River. For improving Little Kanawha River, West Virginia, dredging, removing obstructions, and for wing dams, if required, eighteen thousand dollars.

Guyandotte River. For improving Guyandotte River, West Virginia, one thousand dollars.

Ontonagon Harbor. For improving harbor at Ontonagon, Michigan, seventeen thousand dollars: of which sum fifteen thousand dollars shall be expended in the construction of piers, and two thousand dollars in dredging.

Big Sandy River. For improving Big Sandy River from Catlettsburg, Kentucky, to Head of Navigation, twelve thousand dollars.

Wabash River. For improving Wabash River, Indiana, twenty thousand dollars.

Eagle Harbor. For improving Eagle Harbor, Michigan, two thousand dollars.

Marquette Harbor. For improving harbor at Marquette, Michigan, for repairs, one thousand five hundred dollars.

Menomonee Harbor. For improving harbor at Menomonee, Wisconsin, ten thousand dollars.

Green Bay Harbor. For improving harbor at Green Bay, Wisconsin, four thousand dollars.

Sturgeon Bay harbor of refuge. For harbor of refuge at entrance of Sturgeon Bay Canal, Wisconsin, thirty thousand dollars.

Ahnapee Harbor. For improving harbor at Ahnapee, Wisconsin, seven thousand dollars.

Two Rivers Harbor. For improving harbor at Two Rivers, Wisconsin, twenty thousand dollars.

Manitowoc Harbor. For improving harbor at Manitowoc, Wisconsin, six thousand five hundred dollars

Sheboygan Harbor. For improving harbor at Sheboygan, Wisconsin, repairs and dredging, three thousand dollars.

Port Washington Harbor. For improving harbor at Port Washington, Wisconsin, seven thousand five hundred dollars.

Milwaukee Harbor. For improving harbor at Milwaukee, Wisconsin, seven thousand five hundred dollars.

Racine Harbor. For improving harbor at Racine, Wisconsin, six thousand dollars.

Kenosha Harbor. For improving harbor at Kenosha, Wisconsin, five thousand dollars.

Fox and Wisconsin Rivers. For improving Fox and Wisconsin River, Wisconsin, one hundred and fifty thousand dollars.

Chicago Harbor. For improving harbor at Chicago, Illinois, seventy-five thousand dollars.

Calumet Harbor. For improving harbor at Calumet, Illinois, twelve thousand dollars.

Michigan City Harbor. For improving harbor at Michigan City, Indiana, forty thousand dollars.

Charlevoix Harbor. For improving harbor at Charlevoix, Michigan, nine thousand dollars.

For improving harbor at Frankfort, Michigan, four thousand dollars. Frankfort Harbor.

For improving harbor at Manistee, Michigan, ten thousand dollars. Manistee Harbor.

For improving harbor at Ludington, Michigan, five thousand dollars. Ludington Harbor.

For improving harbor at Pentwater, Michigan, six thousand dollars. Pentwater Harbor.

For improving harbor at White River, Michigan, seven thousand five hundred dollars. White River Harbor.

For improving Saint Mary's River and Saint Mary's Falls Canal three hundred thousand dollars; of which sum two hundred thousand dollars shall be expended on the canal, and one hundred thousand dollars shall be expended on the survey and improvement of the river towards obtaining a depth in present channel of sixteen feet. Saint Mary's River and Canal.

For improving harbor at Grand Haven, Michigan, nine thousand dollars. Grand Haven Harbor.

For improving harbor at Black Lake, Michigan, six thousand dollars. Black Lake Harbor.

For improving harbor at Saugatuck, Michigan, five thousand dollars. Saugatuck Harbor.

For improving harbor at South Haven, Michigan, seven thousand five hundred dollars. South Haven Harbor.

For improving river and harbor at Saint Joseph, Michigan, six thousand dollars. Saint Joseph River and Harbor.

For harbor of refuge, at Lake Huron, Michigan, seventy-five thousand dollars. Lake Huron harbor of refuge.

For improving Detroit River, Michigan, fifty thousand dollars. Detroit River.

For improving Saint Clair Flats, Michigan, repairs of canal, three thousand dollars. Saint Clair Flats.

For improving harbor at Muskegon, Michigan, five thousand dollars. Muskegon Harbor.

For improving Saginaw River, Michigan, eight thousand dollars. Saginaw River.

For improving harbor at Cheboygan, Michigan, three thousand dollars. Cheboygan Harbor.

For improving harbor at Monroe, Michigan, two thousand dollars. Monroe Harbor.

For improving harbor and river at Au Sable, Michigan, seven thousand dollars. Au Sable Harbor and River.

For improving harbor at Toledo, Ohio, twenty thousand dollars. Toledo Harbor.

For improving harbor at Port Clinton, Ohio, ten thousand dollars. Port Clinton Harbor.

For improving and surveying harbor at Sandusky City, Ohio, one thousand dollars. Sandusky City Harbor.

For improving harbor at Cleveland, Ohio, one hundred thousand dollars. Cleveland Harbor.

For improving harbor at Ashtabula, Ohio, nine thousand dollars. Ashtabula Harbor.

For improving harbor at Erie, Pennsylvania, twenty-five thousand dollars. Erie Harbor.

For improving harbor at Buffalo, New York, one hundred thousand dollars. Buffalo Harbor.

Ohio River. For improving the Ohio River, two hundred and fifty thousand dollars; of which sum fifty thousand dollars, or so much thereof as may be necessary, shall be expended in the removal of obstructions at Grand Chain, and not exceeding one hundred thousand dollars on the Davis Island Dam.

Little Kanawha River. For improving Little Kanawha River, West Virginia, dredging, removing obstructions, and for wing dams, if required, eighteen thousand dollars.

Guyandotte River. For improving Guyandotte River, West Virginia, one thousand dollars.

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Big Sandy River. For improving Big Sandy River from Catlettsburg, Kentucky, to Head of Navigation, twelve thousand dollars.

Wabash River. For improving Wabash River, Indiana, twenty thousand dollars.

Eagle Harbor. For improving Eagle Harbor, Michigan, two thousand dollars.

Marquette Harbor. For improving harbor at Marquette, Michigan, for repairs, one thousand five hundred dollars.

Menomonee Harbor. For improving harbor at Menomonee, Wisconsin, ten thousand dollars.

Green Bay Harbor. For improving harbor at Green Bay, Wisconsin, four thousand dollars.

Sturgeon Bay harbor of refuge. For harbor of refuge at entrance of Sturgeon Bay Canal, Wisconsin, thirty thousand dollars.

Ahnapee Harbor. For improving harbor at Ahnapee, Wisconsin, seven thousand dollars.

Two Rivers Harbor. For improving harbor at Two Rivers, Wisconsin, twenty thousand dollars.

Manitowoc Harbor. For improving harbor at Manitowoc, Wisconsin, six thousand five hundred dollars

Sheboygan Harbor. For improving harbor at Sheboygan, Wisconsin, repairs and dredging, three thousand dollars.

Port Washington Harbor. For improving harbor at Port Washington, Wisconsin, seven thousand five hundred dollars.

Milwaukee Harbor. For improving harbor at Milwaukee, Wisconsin, seven thousand five hundred dollars.

Racine Harbor. For improving harbor at Racine, Wisconsin, six thousand dollars.

Kenosha Harbor. For improving harbor at Kenosha, Wisconsin, five thousand dollars.

Fox and Wisconsin Rivers. For improving Fox and Wisconsin River, Wisconsin, one hundred and fifty thousand dollars.

Chicago Harbor. For improving harbor at Chicago, Illinois, seventy-five thousand dollars.

Calumet Harbor. For improving harbor at Calumet, Illinois, twelve thousand dollars.

Michigan City Harbor. For improving harbor at Michigan City, Indiana, forty thousand dollars.

Charlevoix Harbor. For improving harbor at Charlevoix, Michigan, nine thousand dollars.

For improving harbor at Frankfort, Michigan, four thousand dollars. Frankfort Harbor.

For improving harbor at Manistee, Michigan, ten thousand dollars. Manistee Harbor.

For improving harbor at Ludington, Michigan, five thousand dollars. Ludington Harbor.

For improving harbor at Pentwater, Michigan, six thousand dollars. Pentwater Harbor.

For improving harbor at White River, Michigan, seven thousand five hundred dollars. White River Harbor.

For improving Saint Mary's River and Saint Mary's Falls Canal three hundred thousand dollars; of which sum two hundred thousand dollars shall be expended on the canal, and one hundred thousand dollars shall be expended on the survey and improvement of the river towards obtaining a depth in present channel of sixteen feet. Saint Mary's River and Canal.

For improving harbor at Grand Haven, Michigan, nine thousand dollars. Grand Haven Harbor.

For improving harbor at Black Lake, Michigan, six thousand dollars. Black Lake Harbor.

For improving harbor at Saugatuck, Michigan, five thousand dollars. Saugatuck Harbor.

For improving harbor at South Haven, Michigan, seven thousand five hundred dollars. South Haven Harbor.

For improving river and harbor at Saint Joseph, Michigan, six thousand dollars. Saint Joseph River and Harbor.

For harbor of refuge, at Lake Huron, Michigan, seventy-five thousand dollars. Lake Huron harbor of refuge.

For improving Detroit River, Michigan, fifty thousand dollars. Detroit River.

For improving Saint Clair Flats, Michigan, repairs of canal, three thousand dollars. Saint Clair Flats.

For improving harbor at Muskegon, Michigan, five thousand dollars. Muskegon Harbor.

For improving Saginaw River, Michigan, eight thousand dollars. Saginaw River.

For improving harbor at Cheboygan, Michigan, three thousand dollars. Cheboygan Harbor.

For improving harbor at Monroe, Michigan, two thousand dollars. Monroe Harbor.

For improving harbor and river at Au Sable, Michigan, seven thousand dollars. Au Sable Harbor and River.

For improving harbor at Toledo, Ohio, twenty thousand dollars. Toledo Harbor.

For improving harbor at Port Clinton, Ohio, ten thousand dollars. Port Clinton Harbor.

For improving and surveying harbor at Sandusky City, Ohio, one thousand dollars. Sandusky City Harbor.

For improving harbor at Cleveland, Ohio, one hundred thousand dollars. Cleveland Harbor.

For improving harbor at Ashtabula, Ohio, nine thousand dollars. Ashtabula Harbor.

For improving harbor at Erie, Pennsylvania, twenty-five thousand dollars. Erie Harbor.

For improving harbor at Buffalo, New York, one hundred thousand dollars. Buffalo Harbor.

Oak Orchard Harbor.

For improving harbor at Oak Orchard, New York, one thousand dollars.

Charlotte Harbor.

For improving harbor at Charlotte, New York, repair of piers, one thousand dollars.

Pultneyville Harbor.

For improving harbor at Pultneyville, New York, four thousand dollars.

Great Sodus Bay Harbor.

For improving harbor at Great Sodus Bay, New York, two thousand dollars.

Oakland Harbor.

Conditions.

For improving Oakland Harbor, California, sixty thousand dollars; but this sum shall not be available until the right of the United States to the bed of the estuary and training-walls of this work is secured, free of expense, to the Government, in a manner satisfactory to the Secretary of War; and if said right shall not have been so secured by September first, eighteen hundred and seventy-nine, said sum shall be returned into the Treasury.

Little Sodus Bay Harbor.

For improving harbor at Little Sodus Bay, New York, five thousand dollars.

Oswego Harbor.

For improving harbor at Oswego, New York, ninety thousand dollars.

Wilmington Harbor, Cal.

For improving harbor at Wilmington, California, twelve thousand dollars.

Sacramento River.

For improving Sacramento River, California, twenty thousand dollars.

Lower Willamette and Columbia Rivers.

For improving Lower Willamette and Columbia Rivers. from Portland, Oregon, to the sea, forty-five thousand dollars.

Upper Willamette River.

For improving Upper Willamette River, twelve thousand dollars.

Upper Columbia and Snake Rivers.

For improving Upper Columbia River, including Snake River, twenty thousand dollars.

Columbia Cascades Canal.

For constructing canal around the Cascades of Columbia River, one hundred thousand dollars.

Columbia River bar.

For continuing the survey and observation of currents at the bar of the mouth of the Columbia River, five thousand dollars.

River-bank at Fort Brown.

For protection of river-bank at Fort Brown, Texas, seven thousand dollars

Reservoirs at sources of Mississippi and other rivers.

For examinations and surveys for reservoir at sources of the Mississippi, Saint Croix, Chippewa, and Wisconsin Rivers: Completing survey, twenty-five thousand dollars.

Coos Bay and harbor.

For improving the entrance to Coos Bay and harbor of, Oregon, forty thousand dollars.

Lower Clear Water River.

For improving Lower Clearwater River, Idaho. five thousand dollars.

Elk River.

1878, ch. 264.

For improving Elk River, West Virginia, the sum of five thousand dollars, appropriated by the act of June eighteenth, eighteen hundred and seventy-eight, is directed to be expended in the removal of obstructions to open navigation from Braxton Court House to the mouth of Big Sandy; *Provided, however*, That not exceeding five hundred dollars thereof may be expended for the improvement of steamboat navigation at Jarrett's Ford, but in no way to obstruct navigation by boats and rafts.

Proviso.

Scuppernong River.

For improving Scuppernong River, North Carolina, two thousand dollars.

For improving Pearl River, Mississippi from Jackson to Carthage, six thousand dollars. Pearl River.

For improving the Osage River, Kansas and Missouri, twenty thousand dollars. Osage River.

For improving White River, Indiana, from the Wabash River to Portersville and to the Falls on West Fork, according to report of Chief of Engineers, without constructing locks and dams, twenty-five thousand dollars. White River, Indiana.

For sluiceway through public works at Saint Anthony's Falls, Minnesota, ten thousand dollars: *Provided*, That no part of said sum shall be expended for right of way, and that said improvement can be made without expense to the United States further than the actual construction of said sluiceway. Saint Anthony's Falls. *Proviso.*

For the protection of the high sand-banks on the Chippewa River, Wisconsin, to prevent their erosion and deposition in the Mississippi River, eight thousand dollars: *Provided*, That nothing shall be done, nor shall any improvement be made, on the said Chippewa River, under or in pursuance of this act, or the appropriation hereby made, which shall, directly or indirectly, prevent, interfere with, or obstruct the free navigation of the said river, as heretofore, by steamboat, or other water craft, or the free use thereof, as heretofore, for the running, floating, guiding, or sheering of loose logs or rafts of lumber, or logs upon or down the same, or which shall directly or indirectly, prevent, obstruct, or interfere with the use of any slough, arm, or branch of the said river, as heretofore, for the holding, assorting, or rafting of logs therein. Chippewa River. 1879, ch. 32. *Proviso.* *Free navigation to be preserved.*

For improving Shrewsbury River, New Jersey, ten thousand dollars. Shrewsbury River.

For improving navigation of Mississippi River, at Quincy, Illinois, twenty thousand dollars. Mississippi River.

For improving Harlem River, New York, one hundred thousand dollars; but this appropriation is made subject to the provisions and limitations contained in the act of June eighteenth, eighteen hundred and seventy-eight, relating to said Harlem River improvement and the right of way therefor. Harlem River. *Proviso.* 1878, ch. 264.

For improving Delaware River at Schooner Ledge, fifty thousand dollars; Delaware River.

That the sum of one hundred and fifty thousand dollars be, and the same is hereby, appropriated, out of any moneys in the Treasury not otherwise appropriated, to be expended by the Secretary of War in the commencement of the construction of a breakwater and harbor of refuge at such point on the Pacific Ocean between the Straits of Fuca and San Francisco, California, as may, in the opinion of a majority of the board of United States engineers for the Pacific coast, be most suitable, the interests of commerce, local and general, being considered. Harbor of refuge, Pacific coast.

For continuing the improvement of Currituck Sound and North River Bar, North Carolina, twenty-five thousand dollars. Currituck Sound.

For dredging a channel in the Potomac River through the flats in front of the landing at Mount Vernon, four thousand dollars. Potomac River.

Yadkin River. For Yadkin River, North Carolina, twenty thousand dollars.

Manner of making improvements. It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements, other than surveys and estimates, in carrying on the various works by contract or by hired labor, at his discretion, and as in his judgment may be most advantageous to the government: and, where said works are done by contract, such contracts shall be made after sufficient public advertisement for proposals in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders therefor, accompanied by such securities as the Secretary of War shall require.

Contracts after advertisement.

Examinations and surveys. SEC. 2. That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, and estimates of cost of improvements proper, to be made at the following points, namely:

The outlet of Lake Winnepesaukee, New Hampshire;
Nantucket Harbor, Massachusetts;
Broad Bay, Virginia;
Link Horn Bay, Virginia;
Lin Haven Bay, Virginia;
Chincoteaque Inlet, Virginia;
Shenandoah River, Virginia and West Virginia.
Cathanse, Maine;
The Delaware at Chester and Marcus Hook, Pennsylvania, to ascertain its adaptability for an ice-harbor;
New Town Creek, at mouth of East River, New York;
Nanticoke River, Delaware and Maryland;
Channel leading into Cabin Creek, Maryland;
Northeast River, Maryland;
Lockwood's Folly River, North Carolina.
Tread Haven Creek, Maryland, for a distance of three miles below Eastern.
Slaughter Creek, Maryland.

Examinations and surveys, continued. Choptank River, Maryland between Denton and Greensboro';
Secretary Creek, Maryland.
Canal connecting Galveston and Brazos River, Texas.
Bayou Vermillion, Louisiana;
Bayou Teche, Louisiana;
Bayou Courtableau, Louisiana;
Coosa River, from the bridge of Selma River, Rane and Dalton Railroad, to the city of Wetumpka, Alabama;
Duck River, from its mouth to Centerville, Tennessee.
Yallabusha River, Mississippi;
Noxubee River, Mississippi;
Cuivre River, Missouri;
The Gasconade River from its mouth to Vienna in Maries County, Missouri;
Arkansas River at Pine Bluff.

1878, ch. 264. Ohio River and mouth of Little Kanawha River, West Virginia, to ascertain the adaptability of that locality for an ice-harbor, including a report on the cost and merit of that point compared with the mouth of the Muskingum at

Marietta, Ohio, surveyed under the provisions of the act of June eighteenth, eighteen hundred and seventy-eight;

Waukegan Harbor, Illinois and Illinois River:

Alton Harbor, Illinois, and the Mississippi River opposite to the mouth of the Missouri:

Breakwater at Mackinac, Michigan;

Harbor of refuge at entrance to Portage Lake and Lake Superior Ship Canal;

Petaluma Creek, California

Resurvey of Sabine River, Texas, from its mouth to East Hamilton;

Resurvey of Neches River, Texas, from the mouth of the Neches to Bevelport:

Resurvey of Trinity River, Texas, from its mouth to the bridge of the Great Northern Railroad.

Charlotte Harbor and Peace Creek, Florida;

Entrance to Cumberland Sound, Florida and Georgia;

Withlacooche River, Florida;

Black River, Arkansas;

Caney Fork, Cumberland River, Tennessee;

Saint Joseph River, from its mouth in Michigan to Elkhart, Indiana, including channel leading up to Benton Harbor;

Trinidad Harbor, California;

Sacramento River, California;

Tchula Lake, Mississippi;

Archer's Hope River, Virginia;

Susquehannah River, Pennsylvania;

Resurvey of Sebewaing Harbor, Michigan;

Resurvey of Clinton River, Michigan;

Resurvey of bar at mouth of Bell River, Michigan;

Aroostook River, Maine, from boundary line to Masardis;

Green River and its tributaries, Muddy and Barren Rivers, Kentucky;

Bayou Deglaize, Louisiana;

Moosebec Bar, Jonesport, Maine;

South River, New Jersey, between Raritan River and Old Bridge;

Bayou Terrebonne, Louisiana;

Tchefuncta, Tichfaw, and Amite Rivers, Louisiana;

Cheesequakes Creek, New Jersey;

Allegheny River, from French Creek to Olean, New York.

Dan River, Virginia, from Clarksville, Virginia, to Danbury, North Carolina (continued);

The Mississippi, from Saint Paul to the Falls of Saint Anthony;

Oconto River, Wisconsin;

Wolf River, Wisconsin (continued);

Superior Bay, to determine the best and most economical plan for harbor improvement for the head of Lake Superior;

Resurvey of Ogdensburg Harbor, New York;

Warrior, from Tuscaloosa to Forks of Sipsey and Mulberry, Alabama;

Sipsey River, Alabama;

Examinations and surveys, continued.

The Columbia River at the Dalles in Oregon, including plan and specifications for locks and canal around said point;

For an accurate examination and survey of Alsea Harbor, Oregon, and bar in front of it;

Umpqua River, Oregon, between Scottsburg and its mouth;

The Cowlitz River, Washington Territory, for purpose of ascertaining the cost of removing snags and other obstructions;

Ship canal across Bergen Neck in Hudson County, New Jersey:

Tuckahoe Creek, Maryland;

1879, ch. 22.

Chattahoochie River, Alabama, from Geneva to Newton;

Pea River, Alabama, from Geneva to Elba;

Cheyenne River, Dakota;

Continuing survey of the Yellowstone River;

Port Royal River, near Beaufort South Carolina;

Survey and estimate for York River Virginia;

Pamunkey River, in Virginia;

Bayfield Harbor, Wisconsin;

Ashland Harbor, Wisconsin;

Morristique River, Michigan;

Approaches from Lake Superior to Saint Mary's Falls Ship-Canal, for a sixteen-foot channel;

Kankakee River, Indiana and Illinois;

For survey of Broad Creek, a prong of the Nanticoke River, from its mouth to Laurel, Delaware;

For the resurvey of the outlet to Wolf Lake in Lake County, Indiana;

For survey of Waccamaw River, North Carolina;

For survey of Catawba River, North Carolina;

The Pee Dee Rivers, South Carolina;

The Santee River, South Carolina;

The Wateree River, South Carolina;

The Broad River, South Carolina;

The Catawba River South Carolina;

For a survey and estimate for a breakwater to be constructed from a point at or near the new canal outlet near New Orleans Louisiana, to the Ponchartrain Railroad Wharf said breakwater to be so constructed as to serve as a harbor of refuge for all vessels.

Expenses of examinations, etc.

SEC. 3. That for the examinations and surveys herein provided for, and for incidental repairs of harbors, for which there is no special appropriation, the sum of one hundred and fifty thousand dollars is hereby appropriated, to be paid out of any moneys in the Treasury not otherwise appropriated.

* * * * *

Ead's South Pass jetties.

SEC. 9. That the fourth and succeeding sections of an act entitled "An act making appropriations for the repair, preservation, and completion of certain public works on rivers and harbors, and for other purposes" approved March third, anno Domini eighteen hundred and seventy-five, authorizing James B. Eads and his associates to create and permanently maintain a wide and deep channel between

1875, ch. 134, 18 Stat., 463.

Amended.

the South Pass of the Mississippi River and the Gulf of Mexico be, and they are hereby, amended so as to provide in lieu of the payments therein provided, that payment to said Eads or his legal representatives shall be made as follows, namely:

Payments to Eads.

The Secretary of War is hereby authorized and directed to draw his warrant upon the Secretary of the Treasury of the United States in favor of said James B. Eads or his legal representatives for the sum of seven hundred and fifty thousand dollars, which said sum is hereby appropriated; and the Secretary of the Treasury is hereby authorized and directed to pay to said Eads or his legal representatives, out of any money in the Treasury not otherwise appropriated, the sum for which said warrant is drawn.

When a channel shall have been obtained by the action of the jetties and auxiliary works authorized by said act twenty-five feet in depth, and not less than two hundred feet in width at the bottom, through the said jetties, there shall be paid five hundred thousand dollars.

When a channel shall have been obtained through the jetties twenty-six feet in depth, and not less than two hundred feet in width at the bottom, there shall be paid five hundred thousand dollars.

When a channel thirty feet in depth, without regard to width, shall have been obtained through the jetties, there shall be paid five hundred thousand dollars; and the one million dollars provided by the hereinbefore-recited act to be paid by the United States in ten and twenty years shall be earned by said Eads and his associates, and the same, with interest shall be paid to said Eads or his legal representatives, at the times and in the manner provided by said act.

The one hundred thousand dollars per annum provided by said recited act to be paid to said Eads and his associates during a period of twenty years shall be paid at the times and in the manner therein provided; upon the maintenance by said Eads and his associates of a channel through the jetties twenty-six feet in depth, not less than two hundred feet in width at the bottom, and having through it a central depth of thirty feet without regard to width.

1878, ch. 313.

Nothing herein contained shall be so construed as to repeal or in any wise affect the provisions of the amendatory act approved June nineteenth, anno Domini eighteen hundred and seventy-eight, by which said Eads is entitled to receive certain moneys to pay for materials furnished, labor done, and expenditures incurred in the construction of the work at the mouth of the Mississippi River; and the whole of the hereinbefore-recited act, approved March third, anno Domini eighteen hundred and seventy-five, except as the same is hereby expressly modified or amended; or has by act heretofore passed been modified or amended, shall be and remain in full force, and have the same effect as if this act had not been passed.

1875, ch. 134, 18 Stat., 463.

Approved, March 3, 1879.

May 13, 1879.
Vol. 21, p. 4.

CHAP. 6.—An act making appropriations for constructing jetties and other works at South Pass, Mississippi River.

Appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the requisite amount is hereby appropriated out of any money in the Treasury not otherwise appropriated, to enable the Secretary of War to cause to be paid all money that may become due and owing to James B. Eads and his associates, or that may become payable to said Eads, his assigns or legal representatives, in accordance with the provisions of the act approved March third, eighteen hundred and seventy-five, and the acts amendatory thereof, and to continue the monthly payments in the manner and to the full extent of the amount specified in the act approved June nineteenth, eighteen hundred and seventy-eight, chapter three hundred and thirteen, Statutes at Large: *Provided*, That nothing herein contained shall be held or construed as waiving or impairing any right which the United States may have under the original act hereinbefore referred to or the several acts amendatory thereof: *And provided further*, That nothing in this act shall be construed as making an appropriation for the payment of the one million of dollars which by the provisions of the act of March third, eighteen hundred and seventy-five are to remain as security in the possession of the United States and only to become payable, one-half at the end of ten years and the residue at the end of twenty years after the completion of the work provided for in said acts as ascertained and determined by the Secretary of War.

Eads jetties.

1875, ch. 134, 18 Stat., 463.

1878, ch. 313, 20 Stat., 168.

Proviso.

Proviso.

Reserve not appropriated.

Approved, May 13, 1879.

June 10, 1879.
Vol. 21, p. 8.
1879, ch. 181, 20 Stat., 364, 370.

CHAP. 15.—An act to amend an act entitled "An act making appropriations for the construction, repair, preservation, and completion of certain works on rivers and harbors and for other purposes," approved March third, eighteen hundred and seventy-nine.

River improvements.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That such parts of the moneys heretofore appropriated by the act of which this is amendatory for the improvement of the Great Kanawha River in West Virginia and the Kentucky River in the State of Kentucky as may be necessary in the prosecution of said improvements as undertaken may be expended in the purchase, voluntary or by condemnation as the case may be, of such sites as are necessary in the prosecution of said improvements: *Provided*, That such expenditure shall be under the direction of the Secretary of War: *And provided further*, That if the owners of such lands or sites shall refuse to sell the same at reasonable prices, then the prices to be paid shall be determined and the title and jurisdiction procured in the manner prescribed by the laws of the State in which such lands or sites are situated.

Great Kanawha River.

Kentucky River.

Purchase of land.

Proviso.

Condemnation.

Approved, June 10, 1879.

CHAP. 22.—An act to correct an error in "An act making appropriations for the construction, repair, preservation, and completion of certain works on rivers and harbors, and for other purposes" approved March third, eighteen hundred and seventy-nine

June 14, 1879.
Vol. 21, p. 20.
1879, ch. 181, 20 Stat., 374.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That so much of the act entitled "An act making appropriations for the construction, repair, preservation, and completion of certain works on rivers and harbors, and for other purposes," approved March third, eighteen hundred and seventy-nine, as, provides for the survey of "Chattahoochee" River, between Geneva and Newton, in Alabama, be, and the same is hereby, corrected so as to read, "Choctawhatchee" River, Alabama, from Geneva to Newton.

Improvement of Choctawhatchee River.

Approved, June 14, 1879.

CHAP. 32.—An act to authorize the Secretary of War to use certain moneys appropriated by act of Congress approved March third, eighteen hundred and seventy-nine, "for the protection of the high sand-banks on the Chippewa River," in the completion and protection of improvements in and near the mouth of said Chippewa River.

June 19, 1879.
Vol. 21, p. 23.
1879, ch. 181, 20 Stat., 372.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, authorized, in his discretion, to apply and use for the completion and protection of the wing-dams, jetties, and other improvements of the Chippewa River in the State of Wisconsin, located at and near the mouth of said river, so much of the moneys appropriated by an act of Congress approved March third, eighteen hundred and seventy-nine, entitled "An act making appropriations for the construction, repair, preservation, and completion of certain works on rivers and harbors, and for other purposes," as were appropriated "for the protection of the high sand banks on the Chippewa River," and so forth, as may be required for such purpose herein provided: *Provided*, That such use or application of the moneys herein authorized shall be made under the same limitations and conditions as provided in the act hereinbefore named, and subject to the terms and conditions of the proviso attached to said appropriation for said Chippewa River in said act approved, March third, eighteen hundred and seventy-nine.

Chippewa River, Wisconsin.

Use of appropriation.

Proviso.

Approved, June 19, 1879.

CHAP. 43.—An act to provide for the appointment of a "Mississippi River Commission" for the improvement of said river from the Head of the Passes near its mouth to its headwaters.

June 28, 1879.
Vol. 21, p. 37.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That a commission is hereby created, to be called "The Mississippi River Commission," to consist of seven members.

Mississippi River Commission.

SEC. 2. The President of the United States shall, by and with the advice and consent of the Senate, appoint seven

Number.

Selection.

commissioners, three of whom shall be selected from the Engineer Corps of the Army, one from the Coast and Geodetic Survey, and three from civil life, two of whom shall be civil engineers. And any vacancy which may occur in the commission shall in like manner be filled by the President of the United States; and he shall designate one of the commissioners appointed from the Engineer Corps of the Army to be president of the commission. The commissioners appointed from the Engineer Corps of the Army and the Coast and Geodetic Survey shall receive no other pay or compensation than is now allowed them by law, and the other three commissioners shall receive as pay and compensation for their services each the sum of three thousand dollars per annum; and the commissioners appointed under this act shall remain in office subject to removal by the President of the United States.

Vacancies.

President.

Compensation.

Tenure of office.

Duties.

SEC. 3. It shall be the duty of said commission to direct and complete such surveys of said river, between the Head of the Passes near its mouth to its headwaters as may now be in progress, and to make such additional surveys, examinations, and investigations, topographical, hydrographical, and hydrometrical, of said river and its tributaries, as may be deemed necessary by said commission to carry out the objects of this act. And to enable said commission to complete such surveys, examinations, and investigations, the Secretary of War shall, when requested by said commission, detail from the Engineer Corps of the Army such officers and men as may be necessary, and shall place in the charge and for the use of said commission such vessel or vessels and such machinery and instruments as may be under his control and may be deemed necessary. And the Secretary of the Treasury shall, when requested by said commission, in like manner detail from the Coast and Geodetic Survey such officers and men as may be necessary, and shall place in the charge and for the use of said commission such vessel or vessels and such machinery and instruments as may be under his control and may be deemed necessary. And the said commission may, with the approval of the Secretary of War, employ such additional force and assistants, and provide, by purchase or otherwise, such vessels or boats and such instruments and means as may be deemed necessary.

Detail of assistants, etc.

Additional force.

Duties.

SEC. 4. It shall be the duty of said commission to take into consideration and mature such plan or plans and estimates as will correct, permanently locate, and deepen the channel and protect the banks of the Mississippi River; improve and give safety and ease to the navigation thereof; prevent destructive floods; promote and facilitate commerce, trade, and the postal service; and when so prepared and matured, to submit to the Secretary of War a full and detailed report of their proceedings and actions, and of such plans, with estimates of the cost thereof, for the purposes aforesaid, to be by him transmitted to Congress: *Provided*, That the commission shall report in full upon the practicability, feasibility, and probable cost of the various plans known as the jetty system, the levee system,

Report.

Proviso.

and the outlet system, as well as upon such others as they deem necessary.

Immediate works.

SEC. 5. The said commission may, prior to the completion of all the surveys and examinations contemplated by this act, prepare and submit to the Secretary of War plans, specifications, and estimates of costs for such immediate works as, in the judgment of said commission, may constitute a part of the general system of works herein contemplated, to be by him transmitted to Congress.

Secretary.

SEC. 6. The Secretary of War may detail from the Engineer Corps of the Army of the United States an officer to act as secretary of said commission.

Appropriation.

SEC. 7. The Secretary of War is hereby authorized to expend the sum of one hundred and seventy-five thousand dollars, or so much thereof as may be necessary, for the payment of the salaries herein provided for, and of the necessary expenses incurred in the completion of such surveys as may now be in progress, and of such additional surveys, examinations, and investigations as may be deemed necessary, reporting the plans and estimates, and the plans, specifications, and estimates contemplated by this act, as herein provided for; and said sum is hereby appropriated for said purposes out of any money in the Treasury not otherwise appropriated.

Approved, June 28, 1879.

[No. 19.] Joint resolution authorizing a survey of the Mississippi River near Lake Concordia, Louisiana, and Cowpen Bend, Mississippi.

June 28, 1879.
Vol. 21, p. 54.

Examination and survey of Mississippi River at Lake Concordia.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be and he is hereby authorized and directed to order a survey and recommendations thereon of the Mississippi River near Lake Concordia, Louisiana, and of Cowpen Bend, Mississippi, looking to the protection of the harbors of Natchez and Vidalia by restraining the river from cutting into Lake Concordia, and of the Charenton Canal in St. Mary's Parish, Louisiana, out of moneys already appropriated for surveys and examinations by act of Congress of March third, eighteen hundred and seventy-nine.

Approved, June 28, 1879.

CHAP. 10.—An act directing the removal of obstructions from the harbor at the Delaware Breakwater.

Jan. 23, 1880.
Vol. 21, p. 61.

Removal of obstructions in harbor at Delaware Breakwater.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and he is hereby, directed to cause to be removed from the harbor at the Delaware Breakwater and the entrance thereto and in the main ship channel of the Delaware Bay and River several vessels which were sunk in the year eighteen hundred and seventy-seven, and

now forming obstructions endangering the safety of vessels entering said harbor after reasonable notice to the owners of such vessels to remove the same, and the sum of twenty-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated for that purpose, out of any money in the Treasury not otherwise appropriated.

Notice.

Appropriation.

Approved, January 23, 1880.

May 18, 1880.

Vol. 21, p. 141.

CHAP. 95.—An act to abolish all tolls at the Louisville and Portland Canal.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That after the first day of July, eighteen hundred and eighty, no tolls shall be charged or collected at the Louisville and Portland Canal, but the Secretary of War shall be authorized to draw his warrant from time to time upon the Secretary of the Treasury to pay the actual expenses of operating and keeping said canal in repair.

Tolls at Louisville and Portland Canal abolished.

Approved, May 18, 1880.

June 14, 1880.

Vol. 21, p. 180.

CHAP. 211.—An act making appropriations for the construction, repair, completion, and preservation of certain works on rivers and harbors, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended, under the direction of the Secretary of War, for the construction, repair, completion, and preservation of the public works hereinafter named:

Public works on rivers and harbors.

Appropriations.

Harbors in States of: Maine.

Improving the gut opposite Bath, Maine: Continuing improvement, seven thousand dollars.

Improving harbor at Belfast, Maine: Continuing operations, three thousand dollars.

Improving Richmond Island Harbor, Maine: Continuing operations, three thousand dollars.

For the completion of the improvement of Lubec Channel, Maine, twenty thousand dollars.

New Hampshire.

Improving harbor at Portsmouth, New Hampshire: Continuing improvement, twenty-five thousand dollars.

Vermont.

Improving harbor at Burlington, Vermont: Continuing improvement, ten thousand dollars.

Improving harbor at Swanton, Vermont: Continuing improvement, two thousand five hundred dollars.

Massachusetts.

Improving harbor at Plymouth, Massachusetts: Continuing operations, ten thousand dollars.

Improving harbor at Provincetown, Massachusetts: Maintenance and annual repairs, five hundred dollars.

Connecticut.

Improving harbor at Bridgeport, Connecticut: Continuing improvement, ten thousand dollars.

Improving Nantucket Harbor, Massachusetts, fifty thousand dollars.

Improving harbor at Milford, Connecticut: Continuing improvement, five thousand dollars.

Improving harbor at New Haven, Connecticut: Continuing improvement, fifteen thousand dollars.

Improving harbor at Norwalk, Connecticut: Continuing improvement, five thousand dollars; and so much of said appropriation as shall be necessary therefor shall be so expended as to have the channel six feet deep at low water between the steamboat landing in said Norwalk and Long Island Sound.

Improving harbor of Southport, Connecticut: Continuing improvement, two thousand five hundred dollars.

Improving harbor at Buffalo, New York: Continuing improvement, ninety thousand dollars. New York.

Improving harbor at Charlotte, New York: Repair of piers, five thousand dollars.

Improving harbor at Dunkirk, New York: Continuing improvement, ten thousand dollars.

Improving Echo Harbor, New Rochelle, New York: Continuing improvement, three thousand dollars.

Improving harbor at Great Sodus Bay, New York: Continuing operations, three thousand dollars.

Improving harbor at Little Sodus Bay, New York: Continuing operations, twenty thousand dollars.

Improving harbor at Oak Orchard, New York: Continuing operations, five hundred dollars. Oak Orchard Harbor. New York.

Improving Cathance River, Maine, ten thousand dollars. Cathance River, Maine.

Improving harbor at Oswego, New York: Continuing improvement, ninety thousand dollars. New York.

Improving harbor at Plattsburg, New York: For dredging, one thousand dollars.

Improving harbor at Port Jefferson, Long Island Sound, New York: Continuing operations, three thousand dollars.

Improving harbor at Pultneyville, New York: Continuing operations, three thousand dollars.

Improving harbor at Erie, Pennsylvania: Continuing improvement, twenty-five thousand dollars. Erie Harbor, Pennsylvania.

Constructing pier in Delaware Bay, near Lewes, Delaware: Continuing operations, ten thousand dollars. Delaware pier.

Piers of ice-harbor at New Castle, Delaware: Continuing operations, three thousand dollars.

Improving harbor at Wilmington, Delaware: To dredge the bar and channel at the mouth of the Christiana River, and make such survey as may be necessary to determine the site of such works as may be necessary for the permanent improvement of said river: Continuing operations, ten thousand dollars. Christiana River.

Improving harbor at Baltimore, Maryland: Continuing operations, one hundred thousand dollars. Maryland.

Improving Breton Bay, Leonardtown, Maryland: Continuing improvement, three thousand dollars.

Improving the harbors and channels at Washington and Georgetown, District of Columbia: Continuing the im- District of Columbia.

provements, including the removal of rocks, forty thousand dollars.

Virginia. Improving harbor at Norfolk, Virginia, and its approaches: Continuing improvement, fifty thousand dollars.

Improving harbor at Onancock, Virginia: Continuing improvement, five thousand dollars.

South Carolina. Improving harbor at Charleston, South Carolina: Continuing improvement, one hundred and seventy thousand dollars.

Georgia. Improving harbor at Savannah and Savannah River, Georgia: Continuing improvement, sixty-five thousand dollars.

Improving harbor at Brunswick, Georgia: Continuing improvement, ten thousand dollars.

Florida. Improving harbor at Cedar Keys, Florida: Continuing improvement, fifteen thousand dollars.

Improving harbor at Pensacola, Florida: Continuing improvement, forty thousand dollars.

Alabama. Improving harbor at Mobile, Alabama: Continuing improvement, one hundred and twenty-five thousand dollars.

Mississippi River at Vicksburg. Improving Mississippi River at and near Vicksburg, and protection of harbor at Vicksburg, Mississippi: Continuing improvement, twenty thousand dollars.

Louisiana. Improving harbor at New Orleans, Louisiana: Continuing improvement, seventy-five thousand dollars.

Texas. Improving outer bar, Galveston Harbor, Texas: Continuing operations, one hundred and seventy-five thousand dollars.

Ohio. Improving harbor at Ashtabula, Ohio: Continuing operations, twenty thousand dollars.

Improving harbor at Black River, Ohio: Continuing operations, one thousand dollars.

Improving harbor at Cleveland, Ohio: Continuing improvement, one hundred and twenty-five thousand dollars.

Improving harbor at Conneaut, Ohio: Continuing operations, six thousand dollars.

Improving harbor at Fairport, Ohio: Continuing operations, three thousand dollars.

Improving harbor at Huron, Ohio: Continuing operations, three thousand dollars.

Ice-harbor, Muskingum River. Ice-harbor at mouth of Muskingum River, Ohio: Continuing operations fifty thousand dollars.

Improving harbor at Port Clinton, Ohio: Continuing operations, five thousand dollars.

Improving and surveying harbor at Sandusky City, Ohio: Continuing operations, twelve thousand five hundred dollars.

Toledo Harbor, Ohio. Improving harbor to the depth of sixteen feet at Toledo, Ohio: Continuing operations, thirty thousand dollars.

Improving harbor at Vermillion, Ohio: Continuing operations, two thousand dollars.

Indiana. Improving outside harbor at Michigan City, Indiana: Continuing operations, forty thousand dollars; to be used and expended in improving the inner harbor, the additional sum of fifteen thousand dollars.

Improving harbor at Calumet, Illinois: Continuing improvement, twenty thousand dollars. Illinois.

Improving outside harbor at Chicago, Illinois: Continuing improvement, including commencement of construction of exterior breakwater, one hundred and forty-five thousand dollars.

Improving Galena River and Harbor, Illinois: Continuing improvement, twelve thousand dollars. Galena River.

Improving harbor and the Mississippi River at Memphis, Tennessee: Continuing improvement, fifteen thousand dollars. Mississippi River at Memphis.

Improving harbor and river at Au Sable, Michigan: Continuing operations, seven thousand dollars. Michigan.

Improving harbor at Black Lake, Michigan: Continuing operations, six thousand dollars.

Improving harbor at Charlevoix, Michigan: Continuing improvement, ten thousand dollars.

Improving harbor at Boston, Massachusetts, seventy-five thousand dollars; of which sum thirty thousand dollars shall be expended in the said harbor; twenty-two thousand five hundred dollars at the mouth of Charles River in said harbor and up to Watertown; seventeen thousand five hundred dollars in said harbor at mouth of Mystic River, and five thousand dollars from said harbor to Nantasket Beach. Massachusetts.

Improving harbor at Cheboygan, Michigan: Continuing operations, six thousand dollars. Michigan.

Improving harbor at Grand Haven, Michigan: Continuing operations, fifty thousand dollars.

Harbor of refuge at Lake Huron: Continuing operations, seventy-five thousand dollars.

Improving harbor at Ludington, Michigan: Continuing operations, eight thousand dollars.

Improving harbor at Manistee, Michigan: Continuing improvement, ten thousand dollars.

Improving harbor at Marquette, Michigan: For repairs of existing work one thousand dollars.

Improving harbor at Monroe, Michigan: Continuing operations, two thousand dollars.

Improving Manistique Harbor, Michigan, five thousand dollars.

Improving harbor at Muskegon, Michigan: Continuing operations, seven thousand five hundred dollars.

Improving harbor at Ontonagon, Michigan: Continuing improvement, fifteen thousand dollars; of which sum two thousand dollars shall be expended in dredging.

Improving harbor at Pentwater, Michigan: Continuing operations, four thousand dollars.

Harbor of refuge at Portage Lake, Lake Michigan: Continuing operations, ten thousand dollars.

Improving river and harbor at Saint Joseph, Michigan, including channel leading up to Benton Harbor: Continuing operations, eight thousand dollars.

Improving harbor at Saugatuck, Michigan: Continuing improvement, five thousand dollars.

Improving harbor at South Haven, Michigan: Continuing improvement, five thousand dollars.

Improving harbor at White River, Michigan: Continuing operations, five thousand dollars.

Wisconsin. Improving harbor at Ahnapee, Wisconsin: Continuing improvement, seven thousand dollars.

Improving harbor at Green Bay, Wisconsin: Continuing improvement, six thousand dollars.

Improving harbor at Kenosha, Wisconsin: Continuing improvement, five thousand dollars.

Improving harbor at Manitowoc, Wisconsin: Continuing operations, seven thousand dollars.

Improving harbor at Menomonee, Wisconsin: Continuing improvement, ten thousand dollars.

Milwaukee Harbor. Improving harbor at Milwaukee, Wisconsin: Continuing operations, ten thousand dollars.

Improving harbor at Port Washington, Wisconsin: Continuing improvement, twenty thousand dollars.

Improving harbor at Racine, Wisconsin: Continuing operations, six thousand dollars.

Improving harbor at Sheboygan, Wisconsin: Repairs and dredging, seven thousand dollars.

Improving Superior Bay, Wisconsin: Dredging for improvement of natural entrance, and for repairing existing works, five thousand dollars.

Harbor of refuge at entrance of Sturgeon Bay Canal, Wisconsin: Continuing improvement, ten thousand dollars:

Proviso. *Provided*, That said sum shall not be expended until any private or corporate right which may exist to impose charges for the use of said harbor shall have been relinquished in manner satisfactory to the Secretary of War.

Improving harbor at Two Rivers, Wisconsin: Continuing improvement, twenty thousand dollars.

Iowa. Improving Rush Chute and harbor of Burlington, Iowa: Continuing operations, five thousand dollars.

Improving harbor at Muscatine, Iowa: Continuing the improvement, seven thousand five hundred dollars.

Minnesota. Improving harbor at Duluth, Minnesota: Continuing the improvement, twenty-five thousand dollars.

Improving harbor at Grand Marais, Minnesota: Continuing the improvement, ten thousand dollars.

Rivers: Kennebunk. Improving Kennebunk River, Maine: Continuing operations, two thousand dollars.

Exeter. For improving Exeter River, in the State of New Hampshire, twenty thousand dollars.

Otter Creek. Improving Otter Creek, Vermont: Continuing improvement, two thousand dollars.

Improving harbor at Newburyport, Massachusetts, fifty thousand dollars.

Merrimac. Improving Merrimac River, Massachusetts: Continuing operations, twelve thousand dollars.

Providence. Improving Providence River and Narragansett Bay, Rhode Island: Continuing improvement, sixty thousand dollars.

Improving Little Narragansett Bay, Rhode Island: Continuing improvement, five thousand dollars.

Improving Connecticut River, below Hartford, Connecticut: Continuing improvement, ten thousand dollars. Connecticut.

Improving Housatonic River, Connecticut: Continuing improvement, two thousand dollars. Housatonic.

Constructing breakwater at New Haven, Connecticut: Continuing operations, thirty thousand dollars.

Improving Thames River, Connecticut: Continuing improvement, twenty-five thousand dollars; of which sum, two thousand five hundred dollars shall be expended in the removal of rocks and sand from New London Harbor. Thames.

Removing obstructions in East River and Hell Gate, New York: Continuing improvement, two hundred thousand dollars. East River and Hell Gate

Improving East Chester Creek, New York: Continuing improvement, three thousand five hundred dollars. East Chester Creek.

Improving Hudson River, New York: Continuing operations, twenty thousand dollars. Hudson.

Improving Cohansey Creek, New Jersey: Continuing improvement, four thousand five hundred dollars. Cohansey Creek.

Improving Elizabeth River, New Jersey: Continuing improvement, seven thousand five hundred dollars. Elizabeth.

Improving Manisquan River, New Jersey: Continuing improvement, twenty thousand dollars. Manisquan.

Improving Passaic River above Newark, New Jersey: Continuing improvement, two thousand dollars Passaic.

Improving Rahway River, New Jersey: Continuing improvement, ten thousand dollars. Rahway.

Improving Salem River, New Jersey: Continuing improvement, three thousand dollars. Salem.

Improving Shrewsbury River, New Jersey: Continuing improvement, thirty thousand dollars. Shrewsbury.

Improving Woodbridge Creek, New Jersey: Continuing improvement, five thousand dollars. Woodbridge Creek.

Improving South River, Middlesex County, New Jersey, forty thousand dollars. South.

Improving harbor at Frankfort, Michigan, five thousand dollars, to be expended in extending piers or dredging, at discretion of Secretary of War.

Improving navigation of Allegheny River from mouth of French Creek to Pittsburgh, Pennsylvania: Continuing operations, twenty thousand dollars. Allegheny.

Improving Schuylkill River, Pennsylvania: Continuing improvement, forty thousand dollars. Schuylkill.

Improving Delaware River, below Bridesburg, Pennsylvania: Continuing improvement, eighty-five thousand dollars; of which sum forty thousand dollars shall be expended at or near Petty's Island, between said island and Philadelphia, and ten thousand dollars at or near Smith's Island, between Philadelphia and Camden, through the sand-spit. Delaware.

Improving Delaware River, between Trenton, New Jersey, and Bridesburg, Pennsylvania: Continuing operations, ten thousand dollars.

Improving Delaware River at Schooner Ledge: Continuing improvement, forty thousand dollars.

Improving Delaware River, near Cherry Island Flats: Continuing improvement one hundred thousand dollars.

Mispillion Creek. Improving Mispillion Creek, Delaware: Continuing improvement, four thousand dollars.

Wicomico. Improving Wicomico River, Maryland, below Salisbury: Continuing operations, five thousand dollars.

Annapolis Harbor. Improving harbor at Annapolis, Maryland, five thousand dollars.

Potomac. Dredging a channel in the Potomac River, through the flats in front of Mount Vernon, Virginia: Continuing operations, three thousand dollars.

Appomattox. Improving Appomattox River, Virginia: Continuing improvement, twenty thousand dollars.

Blackwater. Improving Blackwater River, Virginia: Continuing operations, three thousand five hundred dollars.

Chickahominy. Improving Chickahominy River, Virginia: Continuing operations, two thousand dollars.

James. Improving James River, Virginia: Continuing improvement, seventy-five thousand dollars.

New. Improving New River, from mouth of Wilson, in Grayson County, Virginia, to mouth of Greenbrier River, twenty-four thousand dollars; of which sum twelve thousand dollars shall be expended in the continuation of the work from the mouth of Greenbrier, up; seven thousand dollars in the continuation of the work formerly prosecuted on the river in Wythe County, and five thousand dollars between the lead mines in Wythe County and the mouth of Wilson, in Grayson County.

Raritan. Improving Raritan River, New Jersey, one hundred thousand dollars; of which sum seventy thousand dollars shall be expended in the removal of rocks at Whitehead's sand-dock, and thirty thousand dollars for dredging the shoals at the Middle Ground.

Nomoni Creek. Improving mouth of Nomoni Creek, Virginia: Continuing operations, five thousand dollars.

North Landing. Improving North Landing River, Virginia and North Carolina: Continuing improvement, fifteen thousand dollars.

Rappahannock. Improving Rappahannock River, Virginia: Continuing improvement, twenty-five thousand dollars.

Staunton. Improving Staunton River, Virginia: Continuing improvement, seven thousand five hundred dollars.

Urbana Creek. Improving Urbana Creek, Virginia: Continuing improvement, two thousand five hundred dollars.

Great Kanawha. Improving Great Kanawha River and operation of works, West Virginia: Continuing improvement, two hundred thousand dollars.

Guyandotte. Improving Guyandotte River, West Virginia: Continuing improvement, two thousand dollars.

Cape Fear. Improving Cape Fear River, North Carolina: Continuing improvement, seventy thousand dollars.

Currituck Sound. North River Bar. Continuing improvement of Currituck Sound, Coanjok Bay, and North River Bar, North Carolina: Continuing improvement, twenty-five thousand dollars.

French Broad River. Improving French Broad River, North Carolina: Continuing improvement, three thousand dollars.

Neuse. Improving Neuse River, North Carolina, from its mouth to the head of navigation: Continuing improvement, forty-five thousand dollars.

Improving Pamlico and Tar Rivers, North Carolina: Continuing operations, nine thousand dollars. Pamlico and Tar Rivers.

Improving Scuppernong River, North Carolina: Continuing improvement, one thousand dollars. Scuppernong.

Improving Trent River, North Carolina: Continuing improvement, ten thousand dollars. Trent.

Improving Chattahoochee River, Georgia: Continuing improvement, twenty thousand dollars. Chattahoochee.

Improving Coosa River, Georgia and Alabama: Continuing improvement, seventy five thousand dollars. Coosa.

Improving Flint River, Georgia: Continuing improvement, twenty thousand dollars; of which sum ten thousand dollars shall be expended below Albany, and ten thousand dollars between Albany and Montezuma. Flint.

Improving Ocmulgee River, Georgia: Continuing operations, seven thousand dollars. Ocmulgee.

Improving Oconee River, Georgia: Continuing operations, one thousand five hundred dollars. Oconee.

Improving Oostenaula and Coosawattee Rivers, Georgia: Continuing operations, two thousand dollars. Oostenaula and Coosawattee.

Improving Apalachicola River, Florida: Continuing improvement, two thousand dollars. Apalachicola.

Improving Apalachicola Bay, Florida, ten thousand dollars.

Improving Choctawhatchee River, Florida and Alabama up to Newton: Continuing operations, seven thousand dollars. Choctawhatchee.

Improving inside passage between Fernandina and Saint John's, Florida: Continuing improvement, at such point as may be selected by the chief engineer, and approved by the Secretary of War, seven thousand dollars. Passage between Fernandina and Saint John's.

Improving Alabama River, Alabama: Continuing improvement, twenty-five thousand dollars. Alabama.

Improving Warrior and Tombigbee Rivers, Alabama and Mississippi, forty-seven thousand dollars; of which sum twenty thousand dollars shall be expended on the Warrior, twelve thousand dollars on the Tombigbee between Columbus and Vienna, and fifteen thousand dollars on the Tombigbee below Vienna. Warrior and Tombigbee.

Improving Tombigbee River above Columbus, Mississippi: Continuing improvement, four thousand dollars.

Improving Big Sunflower River Mississippi: Continuing improvement, eight thousand dollars. Big Sunflower.

Improving Coldwater River, Mississippi: Continuing improvement, four thousand dollars. Coldwater.

Improving Pascagoula River, Mississippi: Continuing improvement, twenty thousand dollars. Pascagoula.

Improving Pearl River, Mississippi, from Jackson to Carthage: Continuing improvement, seven thousand five hundred dollars. Pearl.

Improving Yazoo River, Mississippi: Continuing improvement, twelve thousand dollars. Yazoo.

Improving Bayou La Fourche, Louisiana: Continuing improvement, five thousand dollars. Bayou La Fourche.

Removing obstructions from Red River, Louisiana: Continuing operations, including construction of snag-boat, sixty thousand dollars. Red River.

Tone's Bayou. Removing raft in Red River and closing Tone's Bayou, Louisiana: Continuing operations, twenty five thousand dollars.

Tallahatchee. Improving Tallahatchee River, Mississippi: Continuing improvement, nine thousand dollars, of which sum four thousand dollars shall be expended below Coldwater and five thousand dollars between the mouth of Coldwater and Batesville.

Aransas Pass and Bay. Improving Aransas Pass and Bay, up to Rockport and Corpus Christi, Texas: Continuing improvement, sixty-five thousand dollars.

Neches. Improving Neches River, Texas: Continuing operations, five thousand dollars.

Pass Cavallo Inlet. Improving Pass Cavallo Inlet into Matagorda Bay, Texas: Continuing improvement, fifty thousand dollars.

Galveston Bay Improving ship-channel, Galveston Bay: Continuing improvement, fifty thousand dollars.

Sheepshead Bay. Improving Sheepshead Bay, New York, three thousand dollars.

Canarsie Bay. Improving Canarsie Bay, New York, ten thousand dollars.

Nottoway River. Improving Nottoway River, Virginia, five thousand dollars.

Rockland Harbor, Maine. Improving Rockland Harbor, Maine, twenty thousand dollars.

Flushing Bay. Improving Flushing Bay, New York, fifteen thousand dollars: *Provided*, That in the judgment of the engineer in charge this expenditure can be made without serious detriment to property interests on the Newtown side.

Proviso.

Sabine River. Improving Narrows of Sabine River, above Orange, Texas, and to deepen channel at its mouth: Continuing improvement, five thousand dollars.

Sabine Pass. Improving Sabine Pass and Blue Buck Bar, Texas: Continuing improvement, fifty thousand dollars.

Trinity. Improving Trinity River, Texas: Continuing operations, four thousand dollars.

Arkansas. Improving Arkansas River between Fort Smith, Arkansas, and Wichita, Kansas: Continuing the improvement, fifteen thousand dollars.

Fourche Le Fevre. Improving Fourche Le Fevre River, Arkansas: Continuing improvement, four thousand dollars.

L'Anguille. Improving L'Anguille River, Arkansas: Continuing improvement, two thousand dollars.

Ouachita. Improving Ouachita River, Arkansas and Louisiana: Continuing improvement, eight thousand dollars.

White and Saint Francis. Improving White and Saint Francis Rivers, Arkansas: Continuing improvement, twelve thousand dollars.

Cumberland. Improving Cumberland River, above Nashville, Tennessee, as follows: From Nashville to Kentucky line, fifteen thousand dollars; from Kentucky line to Smith's Shoals, ten thousand dollars; at Smith's Shoals, twenty thousand dollars.

Improving Cumberland River, below Nashville, Tennessee: Continuing improvement, twenty thousand dollars.

Hiawassee. Improving Hiawassee River, Tennessee: Continuing operations, three thousand dollars.

Improving Tennessee River, above Chattanooga: Continuing the improvement, ten thousand dollars. Tennessee.

Improving Tennessee River, below Chattanooga, including Muscle Shoals, Duck River Shoal, and shoal at Reynoldsburg: Continuing operations, three hundred thousand dollars.

Improving Big Sandy River, from Catlettsburg, Kentucky, to head of navigation, fifty-five thousand dollars; of which sum fifty thousand dollars shall be expended in the construction of works at Louisa, according to the recommendations of William E. Merrill, Major of Engineers, in his annual report, dated August twelfth, eighteen hundred and seventy-nine, and five thousand dollars in the further improvement of the upper river. Big Sandy.

Improving Kentucky River from its mouth to Three Forks: Continuing operations, one hundred thousand dollars. Kentucky.

Improving Ohio River: Continuing the improvement, two hundred and fifty thousand dollars; of which sum one hundred thousand dollars shall be expended on Davis Island Dam, and one hundred and fifty thousand dollars on the river from its mouth to its head: *Provided*, That ten thousand dollars of the last named sum may, in the discretion of the engineers, be expended on Indiana Chute: *And provided further*, That twenty-five thousand dollars of the sum for the improvement of the Ohio River shall be applied to continuing the improvement at Grand Chain on said river. Ohio. *Proviso.* *Proviso.*

Improving Wabash River, Indiana: Continuing improvement, twenty-five thousand dollars. Wabash.

Improving Sandusky River, Ohio: Continuing improvement, ten thousand dollars. Sandusky.

Improving White River, Indiana, from Wabash River to Portersville, and to the falls on West Fork: Continuing operations, twenty thousand dollars. White.

Improving Illinois River: Continuing improvement, one hundred and ten thousand dollars, of which sum one hundred thousand dollars shall be expended on locks and dams and ten thousand dollars for dredging. Illinois.

Improving Mississippi, Missouri, and Arkansas Rivers: Removing snags, wrecks, and other obstructions, two hundred thousand dollars; of which sum one hundred thousand dollars shall be expended on the Mississippi River, sixty-five thousand dollars on the Missouri, and thirty-five thousand dollars on the Arkansas. Mississippi, Missouri, and Arkansas.

Improving Mississippi River, between the mouths of the Illinois and Ohio Rivers: Continuing improvement, two hundred and fifty thousand dollars; of which sum twenty thousand dollars shall be expended at Kaskaskia Bend, and fifteen thousand dollars may be expended on the harbor at Alton. Mississippi. Harbor at Alton.

Improving Cuivre River, from mouth to Chain of Rocks, and removing snags and obstructions, two thousand dollars. Cuivre.

Improving Mississippi River, above the Falls of Saint Anthony: Continuing improvement, fifteen thousand dollars. Mississippi.

Improving Mississippi River, from Saint Paul to Des Moines Rapids: Continuing improvement, one hundred and fifty thousand dollars: *Provided*, That three thousand five hundred dollars of said sum may, in the discretion of the Chief of Engineers, be expended in closing the slough at the confluence of the Minnesota and Mississippi Rivers: *Provided further*, That three thousand dollars of the foregoing sum shall be used in dredging the western channel at or near Guttenberg, Iowa.

Proviso.

Proviso.

Improving Mississippi River, from Des Moines Rapids to mouth of Illinois River: Continuing improvement, one hundred thousand dollars.

Improving Mississippi River at Quincy, Illinois: Continuing improvement, twenty-five thousand dollars.

Removing bar in the Mississippi River, opposite Dubuque, Iowa: Continuing operations, seven thousand dollars.

Improving Rock Island Rapids, Mississippi River: Continuing improvement, eight thousand dollars.

Improving Des Moines Rapids: Continuing improvement, twenty thousand dollars.

Operating the canal at Des Moines Rapids.

Operating the canal at Des Moines Rapids: Continuing operations of the canal, thirty thousand dollars.

Annual expense of gauging the Mississippi. 1871, Res. 40. 16 Stat., 598.

Annual expense of gauging the waters of the Mississippi River and its tributaries: Continuing observations of the rise and fall of the river and its chief tributaries, as required by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars.

Upper Mississippi and operating snag-boat.

Improving Upper Mississippi River: Operating snag-boat, eight thousand dollars.

Osage River.

Improving the Osage River, Kansas and Missouri: Continuing the improvement, thirty thousand dollars.

Missouri.

Improving Missouri River at Atchison, Kansas: Continuing operations, twenty thousand dollars.

Improving Missouri River at Cedar City: Continuing improvement, fifteen thousand dollars.

Improving the Missouri River at Council Bluffs, Iowa, and at Omaha, Nebraska: Continuing operations, twenty thousand dollars.

Improving the Missouri River at Eastport, Iowa, and at Nebraska City, Nebraska: Continuing operations, fourteen thousand dollars.

Improving the Missouri River at Brownville, ten thousand dollars.

Improving the Missouri River at Plattsmouth, ten thousand dollars.

Improving Missouri River at or near Fort Leavenworth: Continuing improvement, eight thousand dollars.

Improving Missouri River at and near Glasgow: Continuing improvement, twenty thousand dollars.

Improving Missouri River at and near Kansas City: Continuing improvement, twenty-five thousand dollars; which sum may be expended on either side of the river, in the discretion of the engineer.

Improving Missouri River at and near Saint Joseph: Continuing operations, twenty thousand dollars.

Improving Missouri River at Sioux City, Iowa: Continuing operations, eight thousand dollars.

Improving Missouri River at Vermillion, Dakota: Continuing the improvement, ten thousand dollars.

Improving Missouri River, above mouth of the Yellowstone River: Continuing the improvement, twenty-five thousand dollars.

Improving Detroit River, Michigan: Continuing operations, fifty thousand dollars. Detroit.

Improving Saginaw River, Michigan: Continuing operations, fifteen thousand dollars; of which sum ten thousand dollars shall be expended for removal of bars at the lower end of the river and in deepening the channel from the mouth of the river out into the bay. Saginaw.

Improving Saint Clair Flats, Michigan: Repairs of canal, two thousand five hundred dollars. Saint Clair Flats.

Improving the Chippewa River, Wisconsin: Continuing the improvement, ten thousand dollars; but this sum is appropriated subject to the same conditions and limitations imposed by section one of the act approved March third, eighteen hundred and seventy-nine, for the improvement of rivers and harbors, relating to said Chippewa River. Chippewa River. 1879, ch. 181, Stat., 20, 372.

Improving Fox and Wisconsin Rivers, Wisconsin: Continuing improvement, one hundred and twenty-five thousand dollars; of which sum fifty thousand dollars shall be expended in continuing the improvement of the Wisconsin, and seventy-five thousand dollars for continuing the improvement of the Fox River; of which last sum three thousand dollars may, in the discretion of the engineers, be expended at the mouth of Fond du Lac. Fox and Wisconsin Rivers.

Improving Red River of the North, Minnesota and Dakota: Continuing improvement, twenty thousand dollars. Red River of the North.

Repairs and contingencies of public works at Saint Anthony's Falls, Minnesota: To meet repairs necessary, present and prospective, ten thousand dollars. Saint Anthony's Falls.

Improving Upper Red River, Arkansas, from Fulton to the head of the raft: Continuing improvement, ten thousand dollars. Upper Red River.

Improving Saint Croix River, below Taylor's Falls: Continuing improvement, ten thousand dollars, of which sum three hundred dollars, or so much thereof as in the opinion of the engineers in charge may be necessary, shall be expended in the improvement of the slough on the east side of said river, known as the canal between Four-Mile Island and the foot of the Saint Croix Boom. Saint Croix.

Improving Lower Clearwater River, Idaho: Continuing operations, five thousand dollars. Lower Clearwater.

Constructing canal around Cascades of Columbia River: Continuing operations, one hundred thousand dollars. Cascades of Columbia.

Improving Upper Columbia River, including Snake River: Continuing improvement, fifteen thousand dollars. Upper Columbia and Snake.

Improving Upper Willamette and Yamhill Rivers: Continuing improvement, twelve thousand dollars. Upper Willamette and Yamhill.

Improving Lower Willamette and Columbia Rivers, from Portland, Oregon, to the sea, including the bar at the mouth Lower Willamette and Columbia.

of the Columbia River: Continuing improvement forty-five thousand dollars.

Sacramento. Improving Sacramento River, California: Continuing improvement, forty-five thousand dollars.

Wilmington, Cal., Harbor. Improving harbor at Wilmington, California: Continuing improvement, thirty-five thousand dollars.

Surveys South Pass, Mississippi. Examinations and surveys of South Pass of Mississippi River: To ascertain the depth of water and width of channel secured and maintained from time to time by James B. Eads at the South Pass of the Mississippi River, and to enable the Secretary of War to report during the maintenance of the work, twenty thousand dollars.

Susquehanna. Improving the channel of Susquehanna River above and below Havre de Grace, and to complete the work at the Fishing Battery light-station near Spesutia Island, twenty-eight thousand dollars.

Saint Mary's River and Canal. Improving and operating Saint Mary's River and Saint Mary's Falls Canal, two hundred and fifty thousand dollars.

Acceptance of public works authorized. And the Secretary of War is hereby authorized to accept on behalf of the United States from the State of Michigan the Saint Mary's Canal and the public works thereon: *Provided*, Such transfer shall be so made as to leave the United States free from any and all debts, claims, or liability of any character whatsoever, and said canal after such transfer shall be free for public use: *And provided further*, That after such transfer the Secretary of War be, and hereby is, authorized to draw from time to time his warrant on the Secretary of the Treasury to pay the actual expenses of operating and keeping said canal in repair.

Proviso.

Proviso.

Buttermilk Channel. Improving Buttermilk Channel, New York, sixty thousand dollars.

Ashley River. Improving Ashley River, South Carolina, one thousand dollars.

Elk. Improvement of Elk River, Maryland, ten thousand dollars.

Cheesequake's Creek. Improving Cheesequake's Creek, New Jersey, twenty thousand dollars.

Vermillion. Improving Vermillion River Louisiana, five thousand dollars.

Bayou Terrebonne. Improving Bayou Terrebonne, Louisiana, ten thousand dollars.

Bayou Teche Improving Bayou Teche, from Saint Martinsville to Port Barre, Louisiana six thousand dollars.

Bayou Courtableau. Improving Bayou Courtableau, from Port Barre to Atchefalaya, Louisiana, seven thousand five hundred dollars

Susquehanna. Improving Susquehanna River, Pennsylvania, from Richards' Island up, fifteen thousand dollars.

Grand Marais Harbor. Construction of harbor of refuge at Grand Marais, Michigan, ten thousand dollars.

Pearl River. Improving Pearl River below Jackson, Mississippi, thirty thousand dollars.

Yadkin. Improving Yadkin River, North Carolina, twenty thousand dollars; six thousand dollars of which may be expended for the removal of dams.

White. Improving White River above Buffalo Shoals, Arkansas, twenty thousand dollars.

Improving Saint Francis River between Wilkesburg and Lester Landing, Arkansas, five thousand dollars. Saint Francis.

Improving White River between Jacksonport and Buffalo Shoals, Arkansas, five thousand dollars. White.

Improving Passaic River, New Jersey, from Pennsylvania Railroad bridge to its mouth, thirty thousand dollars. Passaic.

Improving Arkansas River at Pine Bluff, Arkansas, twenty-five thousand dollars. Arkansas.

Improving Mississippi River at Natchez and Vidalia, forty thousand dollars. Mississippi.

Improving Skagit River, Washington Territory, two thousand five hundred dollars. Skagit.

Improving Amite River, Louisiana, eight thousand dollars. Amite.

Improving Newtown Creek, New York, ten thousand dollars. Newtown Creek.

Improving Pagan Creek, Virginia, five thousand dollars. Pagan Creek.

Improving Scituate Harbor, Massachusetts, seven thousand five hundred dollars. Scituate Harbor.

Improving Taunton River, Massachusetts, seventeen thousand five hundred dollars. Taunton River.

Improving Block Island Harbor, Rhode Island, six thousand dollars. Block Island Harbor.

Improving Stonington Harbor, Connecticut twenty-five thousand dollars. Stonington Harbor.

Improving Broadkiln River, Delaware, five thousand dollars. Broadkiln River.

Improving the mouth of Duck Creek, Delaware, five thousand dollars. Duck Creek.

Improving Broad Creek from its mouth to Laurel, Delaware, five thousand dollars. Broad Creek.

Improving Northeast River, Maryland, five thousand five hundred dollars. Northeast River.

Improving Treadhaven Creek, Maryland, for three miles below Easton, three thousand dollars. Treadhaven Creek.

Improving Choptank River, between Denton and Greensboro, Maryland, five thousand dollars. Choptank River.

Improving Secretary Creek, Maryland, three thousand dollars. Secretary Creek.

Improving Dan River, between Danville, Virginia, and Madison, North Carolina, ten thousand dollars. Dan River.

Improving Elk River, West Virginia, five thousand dollars. Elk.

Improving Escambia River, Florida and Alabama, eight thousand dollars. Escambia.

Improving Suwannee River, Florida, five thousand dollars. Suwannee.

Improving Tampa Bay, Florida, deepening the bar and channel from the bar to the town of Tampa, ten thousand dollars. Tampa Bay.

Improving Tangipahoa River, Louisiana, five thousand dollars. Tangipahoa.

Improving channel over bar at mouth of Brazos River, Texas, including a report upon the capacity of the harbor at the mouth of the Brazos and its adaptability as a harbor of refuge and naval station, forty thousand dollars. Brazos.

Saline River. Improving Saline River, Arkansas, seven thousand five hundred dollars.

Missouri River, survey authorized. Survey of Missouri River, from its mouth to Sioux City, Iowa, thirty thousand dollars, of which sum five thousand dollars may be used, in the discretion of the Secretary of War, in protecting the work done on said river at or near Sioux City, Iowa.

Improving Missouri River at Saint Charles, Missouri, twenty-five thousand dollars.

Mississippi River. Improving Mississippi River at and above the city of Alexandria, Missouri, ten thousand dollars.

Caney Fork. Improving Caney Fork River, Tennessee, six thousand dollars.

Obed's River. Improving Obed's River, Tennessee, four thousand dollars.

Monongahela. Improving Monongahela River, West Virginia, at or near Laurel Run, according to plan recommended by engineer in charge, twenty-five thousand dollars.

Little Kanawha. Improving Little Kanawha River, West Virginia, building additional lock and dam, fifteen thousand dollars.

Wilson Harbor. Improving Wilson Harbor, New York, ten thousand dollars.

Waddington Harbor. Improving Waddington Harbor, New York, three thousand dollars.

San Joaquin River. Improving San Joaquin River, California, twenty thousand dollars.

Mattaponi. Improving Mattaponi River, Virginia, two thousand five hundred dollars.

Petalumas Creek. Improving Petalumas Creek, California, eight thousand dollars.

Cowlitz. Improving Cowlitz River, Washington Territory, two thousand dollars.

Big Hatchie. Improving Big Hatchie River, Tennessee, ten thousand dollars.

Mississippi. Improving Mississippi River at or near Cape Girardeau and Minton's Point, Missouri, twenty thousand dollars.

Gasconade. Improving Gasconade River Missouri, removing snags, five thousand dollars.

Black River. Improving Black River, Arkansas fifteen thousand dollars.

Noxubee. Improving Noxubee River, Mississippi, twelve thousand dollars.

Mississippi. Improving Mississippi River at Hannibal, Missouri, twenty-five thousand dollars.

Winnipiscogee Lake. Improving and surveying Winnipiscogee Lake, New Hampshire, five thousand dollars.

Duck River. Improving Duck River, Tennessee, seven thousand dollars.

Waccemaw River. Improving Waccemaw River, South Carolina, from the mouth up to Waccemaw Lake, North Carolina, fifteen thousand dollars.

Great Pedee. Improving Great Pedee River, South Carolina, seven thousand dollars.

Totusky River. Improving Totusky River, Virginia, two thousand five hundred dollars.

Improving York River at West Point, Virginia, ten thousand dollars. York.

Improving Pamunkey River, Virginia, two thousand five hundred dollars. Pamunkey.

Improving French Broad River, Tennessee, between Knoxville and the mouth of Big Creek, ten thousand dollars. French Broad.

For repair of pier in Rocky River, Ohio, four thousand dollars. Repairs of pier, Rocky River.

For ice-harbor at Saint Louis, Missouri, fifty thousand dollars: *Provided*, That no part of this sum shall be expended until a Board of Engineers shall have been convened and determined upon a plan for the construction of the work. Ice-harbor, Saint Louis. *Proviso.*

Improving harbor at Rock Island, Illinois, six thousand dollars. Rock Island Harbor.

For ice-harbor at Marcus Hook, Pennsylvania, commencing enlargement of piers and dredging, thirty-five thousand dollars. Marcus Hook, ice-harbor.

Improving Shenandoah River, West Virginia, fifteen thousand dollars. Shenandoah.

Improving Connecticut River, between Hartford and Holyoke, fifteen thousand dollars. Connecticut.

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For harbor at Waukegan, Illinois, fifteen thousand dollars: *Provided*, That this sum shall not be expended until a Board of three engineers shall have been convened and selected the site, and until the same and a free right of way to all points of the harbor shall have been transferred or relinquished, free of cost to the United States. Waukegan Harbor. *Proviso.*

Improving Clinch River, Tennessee, ten thousand dollars; of which sum six thousand dollars shall be expended above Haynes, in Clayburn County, and four thousand dollars below said point. Clinch River.

Improving Oakland Harbor, California, sixty thousand dollars; and the sums of money heretofore appropriated for this improvement and unexpended are hereby reappropriated, but the sums so appropriated and reappropriated shall not be available until the right of the United States to the bed of the estuary and training-walls of this work is secured, free of expense to the government, in a manner satisfactory to the Secretary of War. Oakland Harbor. Reappropriation.

Improving Sullivan's Island for protection of Charleston Harbor, South Carolina, five thousand dollars. Sullivan's Island.

Improving channel between Staten Island and New Jersey, at Elizabethport, twenty-nine thousand dollars. Channel between Staten Island and New Jersey.

Improving Missouri River at Lexington, Missouri, fifteen thousand dollars. Missouri River.

The Secretary of War is hereby authorized to assign an engineer from the Corps of Engineers of the United States to prepare a plan and advise with the local engineer in the expenditure of such sum as may be appropriated by the local authorities for the improvement of the harbor at Kewaunee, Wisconsin. Kewaunee Harbor.

Volusia Bar.

Improving Volusia Bar, Florida, five thousand dollars; and the Secretary of War is hereby authorized to make such special contract for the prosecution of this work as may, in his judgment, best promote the interests of the government.

Louisville and Portland Canal, tolls.

The balance in hand, after payment of any existing liability, collected heretofore as tolls on the Louisville and Portland Canal, or which may hereafter be so collected prior to the passage of an act to make said canal free to the public, is hereby authorized to be expended for its improvement: *Provided*, Such expenditure shall not exceed sixty thousand dollars.

Proviso.

Yellowstone.

Improving Yellowstone River, Montana and Dakota, fifteen thousand dollars.

Brazos Santiago Harbor.

Improving harbor at Brazos Santiago, Texas, twenty-five thousand dollars.

Sebewaing Harbor.

For continuing the improvement of Sebewaing Harbor, Michigan, seven thousand dollars.

Yaquina Bay.

For improvement of the entrance to Yaquina Bay, Oregon, forty thousand dollars.

Coquille River.

For improvement of the mouth of Coquille River, Oregon, ten thousand dollars.

Savannah.

Improving Savannah River, above Augusta, Georgia, sixteen thousand dollars.

Cumberland Sound.

Improving the entrance to Cumberland Sound, between Amelia and Cumberland Islands, in the States of Florida and Georgia, according to the plans and estimates of General Gilmore, the chief engineer, reported to this Congress, thirty thousand dollars.

Saint John's River.

Improving Saint John's River, Florida, by deepening the bar at the mouth thereof, according to the report of the Chief of Engineers made to the Secretary of War and reported to this Congress, one hundred and twenty-five thousand dollars.

Headwaters of Mississippi.

For the reservoirs at the headwaters of the Mississippi River, to be used in the construction of a dam at Lake Winnibigoshish, seventy-five thousand dollars: *Provided*, That all injuries occasioned to individuals by overflow of their lands shall be ascertained and determined by agreement or in accordance with the laws of Minnesota, and shall not exceed in the aggregate five thousand dollars.

Proviso.

General provisions.

Such parts of the money appropriated by this act for any particular improvement requiring locks and dams, as may be necessary in the prosecution of such improvement, may be expended in the purchase, voluntary or by condemnation, as the case may be, of necessary sites: *Provided*, That such expenditure shall be under the direction of the Secretary of War: *And provided further*, That if the owners of such lands shall refuse to sell them at reasonable prices, then the prices to be paid shall be determined and the title and jurisdiction procured in the manner prescribed by the laws of the State in which such lands or sites are situated.

Proviso.

Proviso.

It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements other than surveys, and estimates in carrying on the various works as far as can be, without detriment to the interest of the govern-

ment, by contract. Where such works can not be done by contract, without injury to the public interest, they may be prosecuted by hired labor. Where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution of the work according to such contract, and for the proper payment of all liabilities incurred in the prosecution thereof for labor and material; but this clause shall not be so construed as to prevent the continuance of work on the Great Kanawha by hired labor, unless the Secretary of War is satisfied that the public interest requires such change.

Contracts.

Hired labor.

Advertisement.

Performance and payment for all material and labor to be secured.

Work on Great Kanawha excepted from paragraph.

SEC. 2. That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, and estimates of cost of improvements proper, to be made at the following points, namely:

Surveys, examinations, and estimates of cost of improvements proper to be made.

Tallapoosa River, from the junction of Coosa up to Tallassee, Alabama.

New Rochelle Harbor, Westchester County, New York, from City Island to the town of New Rochelle.

Bronx River, or West Farms tide-water creek, from its mouth in the city of New York.

Mattawan Creek, from Raritan Bay channel to Central Railroad bridge, head of navigation.

Malden River, Massachusetts.

For improving Richmond Harbor on the Kennebec River, Maine.

Clinch River, in the counties of Hancock, Hawkins, and Claiborne, Tennessee, and Scott and Russell Counties, Virginia.

Powell River, in the counties of Hancock and Claiborne, Tennessee, and Lee County, Virginia.

Holston River, in the counties of Sullivan, Hawkins, Grainger, and Hamblen, Tennessee, and Washington and Scott Counties, Virginia.

Ticonderoga River, New York.

Edistoe and Salkiehatchie Rivers, in South Carolina.

Georgetown Harbor, South Carolina.

Lynch's River, South Carolina.

Wateree River, from Camden, South Carolina, to its mouth.

Black River, from Kingstree, South Carolina, to its mouth.

Rancocas River, from the Delaware River to Pemberton, Burlington County, New Jersey.

Absecom Inlet, Atlantic County, New Jersey.

Bayou Bartholomew, Tensas River, and Bayou Macon, Louisiana.

Sandusky River, near Fremont, Ohio.

Chagrin River, Ohio.

Ice-harbor, Bellaire, Belmont County, Ohio.

Toledo Harbor, Ohio, for depth of sixteen feet.

Surveys and examinations—Continued.

Tallapoosa River, from the city of Montgomery to Tallassee.

Neabsco Creek, a tributary of the Potomac.

Maumee River, Ohio, from Perrysburg to the city of Toledo.

Mississippi River, at Saint Genevieve, Missouri.

Missouri River, at Boonville, Missouri.

Saint Francis River, from Greenville.

Youghiogheny River, to begin at its mouth at McKeesport, Allegheny County, Pennsylvania, and end at Connellsville, Fayette County, Pennsylvania.

Cape Fear River, North Carolina, between Wilmington and Fayetteville, with the view of ascertaining cost and practicability of clearing away logs and overgrowing trees and of dredging out such shoals as now interfere with commerce, itemizing cost of each separately.

Town Creek, North Carolina: To ascertain cost of taking out such shoals as interfere with ordinary river steamboat traffic.

For the reopening of the Santee Canal.

For the improvement of Wappoo Cut, South Carolina.

Calcasieu River, Bayous Plaquemine, Black, Grand Caillon, Little Caillon, Andre, Fusilier, Grand Lake, Little Lake, and Barataria Bay, from New Orleans to Grand Pass.

For Snake River in Minnesota.

The headwaters of the Savannah River, in connection with the headwaters of the Hiwassee and Tennessee Rivers, with a view of ascertaining if a summit level can be secured of the waters of these respective streams, so as to unite them by a canal; that is to say, to ascertain if the waters of the Hiwassee and Tennessee Rivers can be united with the waters of the Savannah River by means of a canal.

The Savannah River, from Savannah to Augusta, Georgia.

The Altamaha River, Georgia.

The Canoochee River, Georgia.

Romney Marsh, near Doboy, and the mouth of Jekyl Creek.

Niagara River, at the mouth of Tonawanda Creek, New York.

At Port Day, above the Falls of Niagara, New York.

Shark River, New Jersey.

Perth and South Amboy to main ship-channel off Great Kills, Raritan Bay.

Improving the bayou south of Milwaukee Harbor for additional purposes of a harbor of refuge at Milwaukee; also, Milwaukee Bay.

Finhollaway River, Florida.

Aucilla and Wacissa, Florida.

Chipola River, Florida.

Ocolockonnee River, Florida.

Holmes Creek, Florida.

Potomac River at the mouth of Pohick Creek.

The bars at the entrance of Annapolis Harbor, with a view to ascertain the character of jetties necessary to render the proposed improvement permanent.

Surveys and examinations—Continued.

For Hempstead Harbor in the State of New York.
Sumpawaums Inlet, Long Island, New York.
For water-way connecting Jamaica Bay with Cornell's Landing in the State of New York.
Saint Francis River, from Greenville, Missouri, to the Cairo, Arkansas and Texas Railroad.
Currant River, from Van Buren, Missouri, to its mouth in Arkansas.
Chicago River, from its mouth to the junction of the North and South Branches.
Grand River below Grand Rapids, Michigan.
Swan Creek, Lake Saint Clair, Michigan.
South Fork of the Cumberland River, Kentucky.
Red River, from Port Royal, Montgomery County, Tennessee, to its mouth.
Mouth of Narraguagus River at Milbridge, Maine.
Cahaba River, Alabama, from its mouth, in Dallas County, to the northern line of Bibb County.
Empire Bay, Lelanawau County, Michigan.
Mississippi River, at Andalusia, Illinois.
Missouri River, at Yankton, Dakota.
Upper Red River of the North, between Fargo, Dakota, and Breckinridge, Minnesota.
Atchafalaya River, Louisiana, from Berwick's Bay to mouth of Red River.
Ice-harbor at the head of Delaware Bay, near Morris Liston's, on Reedy's Island.
Delaware River, survey of.
Tradewater River, Kentucky.
Harbor at Grand Gulf, Mississippi.
Ogdensburg Harbor, New York.
Maramec River, Missouri, from the mouth to the point opposite Maramec Iron Works, Missouri.
Mississippi River, at Louisiana, Missouri.
Obion River, Tennessee.
South Forked Deer River, Tennessee.
North Forked Deer River, Tennessee.
That part of the North Branch of the Chicago River lying in the town of Lake View.
Bogue Chitto River, Louisiana, from its mouth to Franklinton.
Bogue Falia, Louisiana, from its mouth to twenty-five miles above Covington.
West Pearl River.
Pass Manchac and Bayou Manchac, Louisiana, from its mouth to the Mississippi River.
Mississippi River, at Sauk Rapids, near the city of Saint Cloud, Minnesota.
Grand River, below Grand Rapids, Michigan.
Gowanus Bay, New York.
Grass River, at Massena, Saint Lawrence County, New York.
Missouri River, from Tuque Creek to one mile west of Charette Creek, Warren County, Missouri.
Cache River, Arkansas, a tributary of White River.
The Bay, a tributary of Saint Francis River, Arkansas.

Surveys and examinations—Continued.

Mouth of Grand River and Missouri River, at Brunswick, with reference to boat landing at Brunswick, Missouri.

Buffalo Bayou, Texas, from Simm's Bayou, to the mouth of White Oak Bayou at Houston. Return estimates of the cost of a channel twelve feet deep and one hundred feet wide, also a channel twelve feet deep and one hundred and fifty feet wide.

Mouth of Currioman Bay, Virginia.

East Bay and Blackwater River, Florida.

The Ohio River, at the head of Hurricane Island and Elizabethtown, Illinois.

Chester and Ridley Creeks, near their outlets into the Delaware River, Pennsylvania.

Saint Mary's River, from the town of Saint Mary's to its mouth, Ohio.

Minnesota River, near the village of Belle Plain, with a view to prevent the breaking away of the banks of the narrow neck of land opposite said village and injury to the navigation of said river, in Minnesota.

The Nomoni River, from the ferry across the same to the head of tide-water.

The Appoquinimink Creek, Delaware.

Patchogue River, New York.

For opening channel between Lloyd's Harbor and Cold Spring Bay, New York.

Stillaquamish River, Nooksack River, and Snohomish River, in Washington Territory.

Wareham Harbor, Massachusetts.

Red Bank Creek, Pennsylvania, from its mouth on the Allegheny River, to Brookville.

Saint Jones Creek, in Kent County, Delaware, and Little Creek, in Kent County, Delaware.

Clinton River and Lake Saint Clair, at the mouth of Clinton River, Michigan.

For the construction of two ice-breakers in the Ohio River, near the West Virginia shore, and below the railroad bridge crossing said river at Parkersburg.

Ice-harbor at Point Pleasant, West Virginia.

Christiana River, Delaware, from the Delaware Railroad bridge, to the mouth of the river, with an estimate of the cost of procuring a mean depth of fifteen feet in the channel thereof.

For the opening of a ship-canal across the Charleston Neck, South Carolina.

Chester River, between Kirby's Landing and Spry's Landing, Maryland.

Water-passage between Deal's Island and Little Deal's Island, Maryland.

Bœuf River, North Louisiana.

Potowomut River, Rhode Island.

For a harbor on Lake Michigan, at Kewaunee, Wisconsin.

For the opening of steamboat communication from the Saint John's River, Florida, by way of Topokalija Lake, to Charlotte Harbor or Pease Creek.

The Missouri River at Niobrara, Nebraska.

Pocosson and Lillington Rivers, and Beaufort Harbor, North Carolina.

Surveys and examinations—Continued.

The Secretary of War is hereby directed to cause to be made such examination and surveys as may be necessary to devise a system of works to prevent the further injury to the navigable waters of California from the débris from the mines, and the estimates of the cost of such works, and report the result of such examinations, surveys, and estimates of cost of proposed works made in pursuance hereof to Congress at its next session.

Débris from mines.

The Secretary of War is hereby directed to cause an examination to be made to determine the work necessary to be done, and the cost of the same, to improve the channels inside the bar of Humboldt Bay, California.

Humboldt Bay, Cal.

That for the purpose of making a survey to ascertain the practicability and cost of construction of a ship-canal from Lake Erie, by the Maumee and Wabash Valleys, in the bed of the old Wabash and Erie Canal, or with any variation therefrom that may prove feasible, to the navigable waters of the Wabash River; also for a survey and estimate of cost of a similar canal from Junction City, on the Wabash and Erie Canal, to the Ohio River, by way of the Miami and Erie Canal, or any variation in route to produce the most practical and least expensive ship-canal from Lake Erie to the navigable waters of the Ohio River by the above routes, the estimates in each case to be for a water channel and locks of the same size and capacity as those of the present enlarged Erie Canal in New York.

Ship-canals.

Siuslaw Bay, Oregon.

Of the sum of one hundred and fifty thousand dollars herein appropriated for surveys and examinations, the sum of fifteen thousand dollars may be expended in the completion of the survey of the reservoir system on the headwaters of the Mississippi River, including Rock River, in Wisconsin and Illinois.

SEC. 3. That for the examinations and surveys herein provided for, and for incidental repairs of harbors, for which there is no special appropriation, the sum of one hundred and fifty thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated; and in every case where examinations or surveys are made, the report thereon shall embrace such information concerning the commercial importance, present and prospective, of the improvement contemplated thereby, and such general commercial statistics, as the Secretary of War may be able to procure.

Appropriation for surveys, &c.

SEC. 4. Whenever hereafter the navigation of any river, lake, harbor, or bay, or other navigable water of the United States, shall be obstructed or endangered by any sunken vessel or water-craft, it shall be the duty of the Secretary of War, upon satisfactory information thereof, to cause reasonable notice, of not less than thirty days, to be given, personally or by publication, at least once a week in the newspaper published nearest the locality of such sunken vessel or craft, to all persons interested in such vessel or craft, or in the cargo thereof, of the purpose of said Secretary, unless such

Navigation obstructed by sunken vessels or water-craft.

Notice given to persons interested to remove same.

vessel or craft shall be removed as soon thereafter as practicable by the parties interested therein, to cause the same to be removed. If such sunken vessel or craft and cargo shall not be removed by the parties interested therein as soon as practicable after the date of the giving of such notice by publication, or after such personal service of notice, as the case may be, such sunken vessel or craft shall be treated as abandoned and derelict, and the Secretary of War shall proceed to remove the same. Such sunken vessel or craft and cargo and all property therein when so removed shall, after reasonable notice of the time and place of sale, be sold to the highest bidder or bidders for cash, and the proceeds of such sales shall be deposited in the Treasury of the United States to the credit of a fund for the removal of such obstructions to navigation, under the direction of the Secretary of War, and to be paid out for that purpose on his requisition therefor. The provisions of this act shall apply to all such wrecks whether removed under this act or under any other act of Congress. Such sum of money as may be necessary to execute this section of this act is hereby appropriated, out of any money in the Treasury of the United States not otherwise appropriated, to be paid out on the requisition of the Secretary of War.

Removal. Sunken vessels, cargoes, and all property removed by the government to be sold and proceeds deposited in the Treasury to credit of a fund for removal of obstructions.

Appropriation.

Approved, June 14, 1880.

June 16, 1880.
Vol. 21, p. 238.

CHAP. 234.—An act making appropriations to supply deficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty, and for prior years, and for those certified as due by the accounting-officers of the Treasury in accordance with section four of the act of June fourteenth, eighteen hundred and seventy-eight, heretofore paid from permanent appropriations, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the objects hereinafter stated, namely:

Deficiency appropriations, 1880 and prior years.

* * * * *

MISCELLANEOUS.

J. Volney Sweeting, S. R. Rood, J. C. Thompson, Eli Stilson, James H. Foster, David M. Green, Miles T. Alverson.
1875, ch. 106, Stat., 18, 506
Commissioners.

For payment of J. Volney Sweeting, S. R. Rood, and J. C. Thompson, eight hundred and ten dollars each, Eli Stilson, James H. Foster, and David M. Green, seven hundred and ten dollars each, and Miles T. Alverson, four hundred and fifty dollars; in all, five thousand and ten dollars, for services rendered by them as commissioners appointed pursuant to an act of Congress approved March third, eighteen hundred and seventy-five, to appraise damages to lands in the State of Wisconsin, caused by the improvement of the Fox and Wisconsin Rivers.

* * * * *

Approved, June 16, 1880.

CHAP. 235.—An act making appropriations for the sundry civil expenses of the government for the fiscal year ending June thirtieth, eighteen hundred and eighty-one, and for other purposes.

June 16, 1880.

Vol. 21, p. 259.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and eighty-one, namely:

Appropriations. Sundry civil expenses.

* * * * *

Mississippi River Commission: For surveys and examinations and the necessary salaries and other expenses of the Mississippi River Commission, one hundred and fifty thousand dollars.

Mississippi River Commission.

* * * * *

Approved, June 16, 1880.

CHAP. 238.—An act to authorize the Mississippi River Logging Company to construct and operate sheer-booms at or near Straight Slough.

June 16, 1880.

Vol. 21, p. 282.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be lawful for the Mississippi River Logging Company, a corporation organized under the laws of the State of Iowa, to construct and operate in conformity with plans to be approved by the Secretary of War sheer-booms in the Mississippi River, at or above the head of Rollingstone Slough and below the mouth of the Chippewa River, for the purpose of sheering logs that may escape and float out of the Chippewa River and into the Mississippi River from the main channel of said river into Rollingstone or Straight Slough: *Provided*, That said sheer-booms shall not be constructed until the plans and location of the same are submitted to the Secretary of War and receive his approval or so constructed as to interfere with or obstruct navigation: *And provided further*, That if, after said sheer-booms are so constructed, in the opinion of the Secretary of War they interfere with or obstruct navigation, he may order them removed or modified, and the said Mississippi River Logging Company shall be required to remove the same without cost to the United States.

Mississippi River Logging Company authorized to construct and operate sheer-booms in the Mississippi River.

Proviso.

Proviso.

SEC. 2. That the said Mississippi River Logging Company are hereby authorized to construct, in Rollingstone or Straight Slough, such piers and booms as they shall deem necessary for the purpose of securing, holding, sluicing, and rafting logs that may float into said slough.

Piers and booms.

SEC. 3. That this act may be altered, amended, or repealed at any time; and in case of such alteration, amendment, or repeal, it is expressly provided that the United States shall not be liable for any damages that may be sustained by reason thereof.

Right of repeal and amendment reserved.

Approved, June 16, 1880.

Jan. 13, 1881.
Vol. 21, p. 602.

CHAP. 20.—An act for the relief of the legal representative of Henry M. Shreve, deceased.

Henry M. Shreve, deceased, payment to legal representatives of.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Treasury pay to the legal representatives of Henry M. Shreve, deceased, the sum of fifty thousand dollars as a full compensation for, and in satisfaction of, all claims for the invention of the steam snagboat, and for the use of the same, past, present, and future, and for any and all rights that the said Shreve may have acquired under the patent granted to him for the invention of the steam snagboat.

Approved, January 13, 1881.

March 3, 1881.
Vol. 21, p. 435.

CHAP. 133.—An act making appropriations for sundry civil expenses of the government for the fiscal year ending June thirtieth, eighteen hundred and eighty-two, and for other purposes.

Appropriations. Sundry civil expenses.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated for the objects hereinafter expressed, for the fiscal year ending June thirtieth, eighteen hundred and eighty-two, namely:

* * * *

Mississippi River Commission.

Mississippi River Commission: For salaries and traveling expenses of Commission, office expenses, and reduction of work; for continuation of surveys and gaugings of Mississippi River and its tributaries; for permanent gauge-stations and borings; for publication of maps and results, one hun- and fifty thousand dollars.

* * * * *

Surveys of Maryland and Delaware peninsula.

For the expenses of the surveys to be made across the peninsula of Maryland and Delaware to connect by canal the waters of the Delaware and Chesapeake Bays, under the direction of the Secretary of War, ten thousand dollars.

* * * * *

Approved, March 3, 1881.

March 3, 1881.
Vol. 21, p. 468.

CHAP. 136.—An act making appropriations for the construction, completion, repair, and preservation of certain works on rivers and harbors, and for other purposes.

Appropriations. Rivers and harbors.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, and to be expended under the direction of the Secretary of War, for the construction, completion, repair, and preservation of the public works hereinafter named:

Richmond Island Harbor.

Improving Richmond Island Harbor, Maine: Completing improvement three thousand dollars.

Portsmouth Harbor.

Improving harbor at Portsmouth, New Hampshire, twenty thousand dollars.

Improving harbor at Burlington, Vermont, ten thousand dollars. Burlington Harbor.

Improving harbor at Swanton, Vermont, two thousand five hundred dollars. Swanton Harbor.

Improving harbor at Hyannis, Massachusetts: Completing improvement, five thousand dollars. Hyannis Harbor.

Improving harbor at Newburyport, Massachusetts, forty thousand dollars. Newburyport Harbor.

Improving harbor at Nantucket, Massachusetts, twenty-five thousand dollars. Nantucket Harbor.

Improving harbor at Plymouth, Massachusetts, ten thousand dollars. Plymouth Harbor.

Improving harbor at Provincetown, Massachusetts, five thousand dollars. Provincetown Harbor.

Improving Little Narragansett Bay, Rhode Island, five thousand dollars. Little Narragansett Bay.

Improving harbor at Bridgeport, Connecticut, ten thousand dollars. Bridgeport Harbor.

Improving harbor at New Haven, Connecticut, fifteen thousand dollars. New Haven Harbor.

Breakwater at New Haven, Connecticut, sixty thousand dollars. New Haven Breakwater.

Improving harbor at Norwalk, Connecticut, five thousand dollars. Norwalk Harbor.

Improving harbor at Southport, Connecticut, two thousand five hundred dollars. Southport Harbor.

Improving harbor at Boston, Massachusetts, one hundred thousand dollars; of which sum forty thousand dollars shall be expended in said harbor, thirty-five thousand dollars at the mouth of Charles River in said harbor and up to Watertown, twenty thousand dollars in said harbor at mouth of Mystic River, and five thousand dollars from said harbor to Nantasket Beach. Boston Harbor, etc.

Improving Oakland Harbor, California, sixty thousand dollars; and the sums of money heretofore appropriated for this improvement and unexpended are hereby reappropriated; but the sums so appropriated and reappropriated shall not be available until the right of the United States to the bed of the estuary and training walls of this work is secured, free of expense to the government, in a manner satisfactory to the Secretary of War. Oakland Harbor.

Improving Raritan River, New Jersey, twenty-five thousand dollars; of which sum twenty thousand dollars shall be expended on rocks at Whitehead Sand Dock, and five thousand dollars at South Channel, between Crab Island and South Amboy. Raritan River.

Improving harbor at Stonington, Connecticut, thirty thousand dollars. Stonington Harbor.

Improving harbor at Buffalo, New York, ninety thousand dollars. Buffalo Harbor.

Improving harbor at Charlotte, New York: Repair of piers, two thousand five hundred dollars. Charlotte Harbor.

Improving Echo Harbor, New Rochelle, New York, three thousand dollars. Echo Harbor.

Improving Flushing Bay, New York, ten thousand dollars. Flushing Bay.

Great Sodus Bay Harbor. Improving harbor at Great Sodus Bay, New York, five thousand dollars.

Little Sodus Bay Harbor. Improving harbor at Little Sodus Bay, New York, twenty thousand dollars.

Olcott Harbor. Improving harbor at Olcott, New York, three thousand dollars.

Channel Gowanus Bay and New York Harbor. Deepening and widening the channel in Gowanus Bay and the Harbor of New York, forty thousand dollars.

Port Jefferson Harbor. Improving harbor at Port Jefferson, Long Island Sound, New York, four thousand dollars.

New Rochelle Harbor. Improving harbor of New Rochelle, New York, twenty thousand dollars.

Harbor at Pultneyville. Improving harbor at Pultneyville, New York, two thousand dollars.

Wilson Harbor. Improving harbor at Wilson, New York, ten thousand dollars.

Waddington Harbor. Improving harbor at Waddington, New York, two thousand five hundred dollars.

Ticonderoga River. Improving Ticonderoga River, New York, five thousand dollars.

Erie Harbor. Improving harbor at Erie, Pennsylvania, twenty thousand dollars.

Marcus Hook ice-harbor. Ice-harbor at Marcus Hook, Pennsylvania, thirty thousand dollars.

Pier, Delaware Bay. Pier in Delaware Bay, near Lewes, Delaware, ten thousand dollars.

Piers, ice-harbor, New Castle. Piers of ice-harbor at New Castle, Delaware: Completing improvement, twenty thousand dollars.

Annapolis Harbor. Improving harbor at Annapolis, Maryland, five thousand dollars.

Breton Bay. Improving Breton Bay, Leonardtown, Maryland, three thousand dollars.

Washington and Georgetown harbors and channels. Improving the harbors and channels at Washington and Georgetown, District of Columbia, fifty thousand dollars.

Norfolk Harbor. Improving harbor at Norfolk, Virginia, and its approaches, seventy-five thousand dollars.

Oswego Harbor. For enlargement and improvement, according to the plan and recommendation of the Engineer Department, of harbor facilities at Oswego, New York, including dredging entrance to harbor, fifty thousand dollars.

Shrewsbury River. Improving Shrewsbury River, New Jersey: Completing improvement, eighty-six thousand dollars; of which sum thirty-six thousand dollars shall be expended on South Branch, and fifty thousand on Main and North Branch.

New River. Improving New River from lead mines in Wythe County, Virginia, to mouth of Greenbrier River, twenty-four thousand dollars; of which sum fifteen thousand dollars shall be expended in the continuation of the work from the mouth of Greenbrier up, and nine thousand dollars in the continuation of the work from the lead mines in Wythe County down.

Charleston Harbor. Improving harbor at Charleston, South Carolina, one hundred and seventy-five thousand dollars.

Brunswick Harbor. Improving harbor at Brunswick, Georgia, five thousand dollars.

Improving Savannah Harbor and River, Georgia, sixty-five thousand dollars; of which sum one thousand dollars may be applied to payment of damages for land taken for widening the channel opposite Savannah. Savannah Harbor and River.

Improving Apalachicola Bay, Florida, ten thousand dollars. Apalachicola Bay.

Improving Tampa Bay, Florida: Completing the deepening of the bar and channel from the bar to the town of Tampa, ten thousand dollars. Tampa Bay.

Improving harbor at Mobile, Alabama, one hundred thousand dollars. Mobile Harbor.

Improving Mississippi River at and near Vicksburgh, and protection of harbor of Vicksburgh, Mississippi, seventy-five thousand dollars. Mississippi River and Harbor.

Improving harbor at New Orleans, Louisiana, seventy-five thousand dollars. New Orleans Harbor.

Improving Galveston Harbor, Texas: Continuing operations at outer bar, two hundred and fifty thousand dollars. Galveston Harbor.

Improving harbor at Ashtabula, Ohio: To secure a sixteen-foot channel, twenty thousand dollars. Ashtabula Harbor.

Improving harbor at Black River, Ohio, seven thousand dollars. Black River Harbor.

Improving harbor at Cleveland, Ohio, two hundred thousand dollars. Cleveland Harbor.

Improving harbor at Fairport, Ohio, ten thousand dollars. Fairport Harbor.

Improving harbor at Huron, Ohio, three thousand dollars. Huron Harbor.

Ice-harbor at mouth of Muskingum River, Ohio, thirty thousand dollars. Ice-harbor, Muskingum River.

Improving harbor at Port Clinton, Ohio, five thousand dollars. Port Clinton;

Improving harbor at Sandusky City, Ohio, ten thousand dollars. Sandusky City;

Improving harbor at Toledo, Ohio, forty thousand dollars. Toledo;

Improving harbor at Vermillion, Ohio, two thousand dollars. Vermillion;

Improving harbor at Michigan City, Indiana: Continuing operations at outside harbor, twenty thousand dollars; for continuing improvements on the inner harbor, twenty-five thousand dollars. Michigan City;

Improving harbor at Calumet, Illinois, thirty thousand dollars. Calumet;

Improving outside harbor at Chicago, Illinois: Dredging in outer harbor and constructing exterior breakwater, one hundred and fifty thousand dollars. Chicago.

Improving Galena River and Harbor, Illinois, twelve thousand dollars. Galena River and Harbor.

Improving harbor at Rock Island, Illinois, six thousand dollars. Rock Island Harbor.

Improving Monongahela River, West Virginia and Pennsylvania, twenty-five thousand dollars; but this sum shall not be expended until the Monongahela Navigation Company shall have undertaken in good faith the building of Monongahela River.

lock and dam number seven, at Jacob's Creek, and until said company shall, in manner satisfactory to the Secretary of War, give assurance of their ability and purpose to complete the same.

Shenandoah River. Improving Shenandoah River, West Virginia, two thousand five hundred dollars; but this sum shall not be expended, nor shall the sum heretofore appropriated therefor be expended, until any corporate rights or franchies that may exist over said river shall have been relinquished to the United States to the satisfaction of the Secretary of War.

Waukegan Harbor. Improving harbor at Waukegan, Illinois, fifteen thousand dollars.

Ice-harbor, Saint Louis. Ice-harbor at Saint Louis, Missouri, ten thousand dollars.

Memphis Harbor. Improving harbor and the Mississippi River at Memphis, Tennessee, fifteen thousand dollars.

Au Sable Harbor. Improving harbor and river at Au Sable, Michigan, six thousand dollars.

Charlevoix Harbor. Improving harbor at Charlevoix, Michigan, ten thousand dollars.

Cheboygan Harbor. Improving harbor at Cheboygan, Michigan, six thousand dollars.

Frankfort Harbor. Improving harbor at Frankfort, Michigan, ten thousand dollars.

Grand Haven; Improving harbor at Grand Haven, Michigan, fifty thousand dollars.

Black Lake. Improving harbor at Black Lake, Michigan: Continuing operations for completion of old project, six thousand dollars.

Harbor of refuge at—

Grand Marais; Harbor of refuge at Grand Marais, Michigan, twenty thousand dollars.

Lake Huron. Harbor of refuge at Lake Huron, Michigan, fifty thousand dollars.

Ludington; Improving harbor at Ludington, Michigan, ten thousand dollars.

Manistee; Improving harbor at Manistee, Michigan, ten thousand dollars.

Manistique; Improving Manistique Harbor, Michigan: Completing improvement, one thousand dollars.

Monroe; Improving harbor at Monroe, Michigan, one thousand dollars.

Muskegon; Improving harbor at Muskegon, Michigan, twenty thousand dollars.

Ontonagon; Improving harbor at Ontonagon, Michigan, twenty thousand dollars.

Pentwater. Improving harbor at Pentwater, Michigan, ten thousand dollars.

Harbor of refuge, Portage Lake. Harbor of refuge at Portage Lake, Michigan, ten thousand dollars.

Saint Joseph Harbor and River. Improving river and harbor at Saint Joseph, and water-channel leading up to Benton Harbor, Michigan, ten thousand dollars.

Saugatuck Harbor. Improving harbor at Saugatuck, Michigan, five thousand dollars.

South Haven Harbor. Improving harbor at South Haven, Michigan, five thousand dollars.

Improving harbor at White River, Michigan, seven thousand five hundred dollars. White River Harbor.

Improving Grand River from its mouth to the city of Grand Rapids, Michigan, ten thousand dollars. Grand River.

Continuing improvement of Clinton River, Michigan, eight thousand dollars. Clinton River.

Removing bar at ice-harbor of refuge at Belle River, Michigan, seven thousand dollars. Ice-harbor refuge, Belle River removing bar.

Improving harbor at Ahnapee, Wisconsin, eight thousand dollars. Ahnapee Harbor.

Improving harbor at Green Bay, Wisconsin, five thousand dollars. Green Bay Harbor.

Improving harbor at Kenosha, Wisconsin, five thousand dollars. Kenosha Harbor.

Improving Ohio River, three hundred and fifty thousand dollars; of which sum one hundred and fifty thousand dollars may, in the discretion of the engineers, be expended on Davis Island Dam, and two hundred thousand dollars on the river from its mouth to its head: *Provided*, That fifty thousand dollars of the last-named sum may, in the discretion of the engineers, be expended on Indiana Chute; and fifty thousand dollars of the last-named sum, or so much thereof as shall be necessary, shall be applied to the completion of the work on Grand Chain. Ohio River, Davis Island Dam. *Proviso.* Indiana Chute. Grand Chain.

Improving harbor at Manitowoc, Wisconsin, four thousand dollars. Manitowoc;

Improving harbor at Menomonee, Wisconsin, twelve thousand dollars. Menomonee;

Improving harbor at Milwaukee, Wisconsin: Extension and repairs of piers and dredging, eight thousand dollars. Milwaukee;

Improving harbor at Port Washington, Wisconsin, seventeen thousand dollars. Port Washington;

Improving harbor at Racine, Wisconsin, six thousand dollars. Racine;

Improving harbor at Sheboygan, Wisconsin: Repairs, dredging, and extension of piers, twenty-five thousand dollars. Sheboygan;

Improving Superior Bay, Wisconsin: Dredging for improvement of natural entrance and for repairing existing works, ten thousand dollars. Superior Bay.

Harbor of refuge at Sturgeon Bay Canal, Wisconsin, ten thousand dollars. Sturgeon Bay Canal, harbor of refuge.

Improving harbor at Two Rivers, Wisconsin, fifteen thousand dollars. Two Rivers Harbor.

Improving harbor at Oconto, Wisconsin, ten thousand dollars. Oconto Harbor.

Improving harbor at Fort Madison, Iowa, two thousand five hundred dollars. Fort Madison Harbor.

Improving harbor at Muscatine, Iowa, two thousand five hundred dollars. Muscatine Harbor.

Improving harbor at Grand Marais, Minnesota, twenty thousand dollars. Grand Marais;

Improving harbor at Duluth, Minnesota, forty thousand dollars. Duluth;

Improving harbor at Wilmington, California, thirty-three thousand dollars Wilmington;

Humboldt. Improving Humboldt Harbor and Bay, forty thousand dollars.

Cathance River. Improving Cathance River, Maine, six thousand dollars.

"Gut," opposite Bath, Me. Improving the "Gut," opposite Bath, Maine, five thousand dollars.

Kennebunk River. Improving Kennebunk River, Maine: Completing improvement, two thousand dollars.

Lubec Channel. Improving Lubec Channel, Maine, forty-five thousand dollars.

Exeter River—"Ox Bow." Improving Exeter River, New Hampshire, fifteen thousand dollars; of which sum an amount not exceeding seven hundred and fifty dollars shall be available immediately, to be used in acquiring title to land used in the cut-off at "Ox Bow."

Lamprey River. Improving Lamprey River, New Hampshire, below New Market, ten thousand dollars.

Winnipiseogee Lake. Improving Winnipiseogee Lake, New Hampshire: Completing improvement, two thousand five hundred dollars:

Proviso. *Provided*, That no right to raise or lower the water-level of said lake is hereby granted to any person or corporation.

Otter Creek. Improving Otter Creek, Vermont, two thousand dollars.

Merrimac River. Improving Merrimac River, Massachusetts, nine thousand dollars.

Taunton River. Improving Taunton River, Massachusetts, twenty-five thousand dollars.

Providence River and Narragansett Bay. Improving Providence River and Narragansett Bay, Rhode Island, sixty thousand dollars.

Potonowut River. Improving Potonowut River, Rhode Island, five thousand dollars.

Milwaukee Bay. Improving Milwaukee Bay, for purposes of harbor of refuge, one hundred thousand dollars.

Mississippi, Missouri, and Arkansas Rivers. Improving Mississippi, Missouri, and Arkansas Rivers: Removing snags, wrecks, and other obstructions, one hundred and eighty-five thousand dollars; of which sum eighty thousand dollars shall be expended on the Mississippi River, eighty thousand dollars on the Missouri River, and twenty-five thousand dollars on the Arkansas River. And the work herein provided for shall be prosecuted at all seasons of the year, and especially between the first day of July and the first day of November of each year:

Proviso. *Provided*, That so much of said sum of eighty thousand dollars hereby appropriated to the Missouri River as may be necessary shall be expended in the construction of a snag and dredge boat to be used in said river, the balance of said eighty thousand dollars to be expended in operating said boat.

Chippewa River. Improving Chippewa River, Wisconsin, ten thousand dollars; but this sum is appropriated subject to the same conditions and limitations imposed by section one of the act approved March third, eighteen hundred and seventy-nine, for the improvement of rivers and harbors, relating to said Chippewa River.

1879, ch. 181, Stat. 20, 372.

Connecticut River. Improving Connecticut River below Hartford, Connecticut, thirty thousand dollars; of which sum ten thousand dollars shall be used to continue the work in progress on the bar at the mouth of the river, and three thousand dollars in dredging the channel below Rocky Hill.

Improving Housatonic River, Connecticut, two thousand dollars. Housatonic River.

Improving Thames River, Connecticut, thirty thousand dollars. Thames River.

Improving New London Harbor, Connecticut, four thousand three hundred dollars. New London Harbor.

Removing obstructions in East River and Hell Gate, New York, two hundred thousand dollars. East River, Hell Gate, removing obstructions.

Improving Buttermilk Channel, New York, sixty thousand dollars. Buttermilk Channel.

Improving Hudson River, New York, fifteen thousand dollars. Hudson River.

Improving Cheesequake's Creek, New Jersey, five thousand dollars. Cheesequake's Creek.

Improving Cohansey Creek, New Jersey, seven thousand dollars. Cohansey Creek.

Improving Elizabeth River, New Jersey, four thousand dollars. Elizabeth River.

Improving Passaic River, New Jersey, from Pennsylvania Railroad bridge to its mouth, fifty thousand dollars. Passaic River.

Improving Rahway River, New Jersey, ten thousand dollars. Rahway River.

Improving South River, New Jersey, six thousand dollars. South River.

Improving Woodbridge Creek, New Jersey: Continuing improvement, five thousand dollars. Woodbridge Creek.

Improving Allegheny River from mouth of French Creek to Pittsburgh, Pennsylvania, twenty-five thousand dollars. Allegheny River.

Improving Schuylkill River, Pennsylvania, forty thousand dollars. Schuylkill River.

Improving Delaware River below Bridesburg, Pennsylvania, one hundred thousand dollars. Delaware River.

Improving Delaware River between Trenton, New Jersey, and Bridesburg, Pennsylvania, ten thousand dollars.

Improving Delaware River near Cherry Island Flats, one hundred thousand dollars.

Improving Delaware River at Schooner Ledge, Pennsylvania and Delaware, forty thousand dollars.

Improving Broadkiln River, Delaware, five thousand dollars. Broadkiln River.

For the improvement of the Mississippi River, in accordance with the plan therefor recommended in Executive Document number fifty-eight, second session Forty-sixth Congress, by the Mississippi River Commission, to be expended by the Secretary of War, with the advice and under the supervision of said commission, the sum of one million dollars. And it shall be the duty of said commission to take into consideration, and of the Secretary of War to extend operations, under their supervision, to tributaries of the Mississippi River to the extent, and no further, that may be necessary in the judgment of said commission to the perfection of the general and permanent improvement of said Mississippi River; but this clause shall not be construed to interfere with the prosecution by the War Department of the improvement of said Mississippi River and its tributaries under general appropriations made therefor: *Provided*, That no portion of the sum hereby appropriated

Mississippi River. Ex. Document 58, 2d Sess. 46 Cong.

General and permanent improvement.

Proviso.

shall be used in the repair or construction of levees for the purpose of preventing injury to lands by overflow, or for any other purpose whatever except as a means of deepening or improving the channel of said river. And it shall be the duty of said commission to make report, on or before the first day of January next, to the Secretary of War, for transmission by him to Congress, of a detailed statement of the work done, and of the expenditure made from the sum hereby appropriated, with their judgment upon the effect of such work, and the general practicability and estimate of the total cost of such improvements along said river from Cairo to the head of the passes.

Report.

Broad Creek. Improving Broad Creek from its mouth to Laurel, Delaware, ten thousand dollars.

Duck Creek. Improving mouth of Duck Creek, Delaware, three thousand dollars.

Mispillion Creek. Improving Mispillion Creek, Delaware, three thousand five hundred dollars.

Choptank River. Improving Choptank River between Denton and Greensborough, Maryland, five thousand dollars.

Elk River. Improving Elk River, Maryland, five thousand dollars.

Secretary Creek. Improving Secretary Creek, Maryland, three thousand dollars.

Threadhaven Creek. Improving Threadhaven Creek for three miles below Easton, Maryland three thousand dollars.

Wicomico River. Improving Wicomico River below Salisbury, Maryland: Completing improvement, two thousand dollars.

Chester River. Improving Chester River from Spry's Landing to Crumpton, Maryland, six thousand five hundred dollars.

Water passage, Deal's Island. Improving water-passage between Deal's Island and Little Deal's Island, Maryland, five thousand dollars.

Appomattox River. Improving Appomattox River, Virginia, twenty thousand dollars to be expended on the improvement of the river and harbor at Petersburg, Virginia.

Blackwater River. Improving Blackwater River, Virginia, one thousand five hundred dollars.

Chickahominy River. Improving Chickahominy River, Virginia, two thousand dollars.

Dan River. Improving Dan River between Danville, Virginia, and Madison, North Carolina, eight thousand dollars.

James River. Improving James River, Virginia, sixty thousand dollars.

Mattaponi River. Improving Mattaponi River, Virginia, three thousand three hundred dollars.

Nomoni Creek. Improving mouth of Nomoni Creek, Virginia, two thousand dollars.

North Landing River. Improving North Landing River, Virginia and North Carolina, seven thousand five hundred dollars.

Nottaway River. Improving Nottaway River, Virginia, two thousand dollars.

Pagan Creek. Improving Pagan Creek, Virginia, five thousand dollars.

Pamunkey River. Improving Pamunkey River, Virginia, two thousand five hundred dollars.

Channel at Mount Vernon, Va. Dredging a channel through the flats in front of Mount Vernon, Virginia, one thousand five hundred dollars.

Rappahannock River. Improving Rappahannock River, Virginia, fifteen thousand dollars.

Improving Staunton River, Virginia, five thousand dollars. Staunton River.

Improving Totuski River, Virginia, two thousand five hundred dollars. Totuski River.

Improving Urbana Creek, Virginia, four thousand dollars. Urbana Creek.

Improving York River at West Point, Virginia, twenty-five thousand dollars. York River.

Improving harbor at Baltimore, Maryland: Continuing operations for the shortening and deepening the channel to twenty-seven feet at mean low water, one hundred and fifty thousand dollars. Baltimore Harbor.

Improving Elk River, West Virginia, five thousand dollars. Elk River.

Improving Great Kanawha River, and operation of works, West Virginia, two hundred thousand dollars. Great Kanawha River.

Improving Guyandotte River, West Virginia, three thousand five hundred dollars. Guyandotte River.

Improving Little Kanawha River, West Virginia, forty thousand dollars: *Provided*, That no tolls shall be collected by the Little Kanawha Navigation Company for that part of the river improved by the general government. Little Kanawha River. *Proviso.* Little Kanawha Navigation Company.

Improving Cape Fear River, North Carolina, from the ocean to Wilmington, one hundred and forty thousand dollars. Cape Fear River.

Improving the Cape Fear River from Wilmington to Fayetteville, North Carolina, thirty thousand dollars: *Provided*, That the Secretary of War is directed to expend of the money hereby appropriated, a sum not exceeding ten thousand dollars, to extinguish any claim of right held by any company or corporation, to take tolls or make charges for the navigation of so much of said river as is above described; *And provided further*, That said claim of right shall be extinguished and released on or before the first day of December, eighteen hundred and eighty-one, and no part of this appropriation shall be expended in the improvement of said river until such claim of right is wholly extinguished and released: *Provided further*, That nothing herein contained shall be taken or held as a waiver on the part of the United States to the exclusive control of navigation of said river relieved from any charges or tolls imposed by any company or corporation. *Proviso.* *Proviso.* *Proviso.*

Improving Currituck Sound, Coanjok Bay, North River and Bar, North Carolina, thirty thousand dollars. Currituck Sound.

Improving French Broad River, North Carolina, five thousand dollars. French Broad River.

Improving Neuse River from its mouth to head of navigation, North Carolina, thirty thousand dollars. Neuse River.

Improving Pamlico and Tar Rivers, North Carolina, eight thousand dollars. Pamlico and Tar Rivers.

Improving Scuppernong River, North Carolina, one thousand dollars. Scuppernong River.

Improving Trent River, North Carolina, five thousand dollars. Trent River.

Improving Yadkin River, North Carolina, twelve thousand dollars. Yadkin River.

Improving Contentnia Creek, North Carolina, ten thousand dollars. Contentnia Creek.

Beaufort Harbor. Improving Beaufort Harbor, North Carolina, thirty thousand dollars.

Lillington River. Improving Lillington River, North Carolina, three thousand dollars.

Ashley River. Improving Ashley River, South Carolina, one thousand five hundred dollars.

Great Pedee River. Improving Great Pedee River, South Carolina, between Little Bluff and Cheraw, six thousand dollars.

Waccemaw River. Improving Waccemaw River, South Carolina, from its mouth up to Waccemaw Lake, North Carolina, ten thousand dollars.

Town Creek. Improving Town Creek, in North Carolina, one thousand dollars.

Chattahoochie River. Improving Chattahoochie River, Georgia, twenty thousand dollars.

Coosa River. Improving Coosa River, Georgia and Alabama, sixty thousand dollars.

Flint River. Improving Flint River, Georgia, fifteen thousand dollars.

Ockmulgee River. Improving Ockmulgee River, Georgia, five thousand dollars.

Oconee River. Improving Oconee River, Georgia, two thousand five hundred dollars; of which sum one thousand five hundred dollars to be expended between Dublin and Oconee Bridge.

Oostenaula and Coosawattee Rivers. Improving Oostenaula and Coosawattee Rivers, Georgia, one thousand dollars.

Savannah River. Improving Savannah River above Augusta, Georgia, eight thousand dollars.

Apalachicola River. Improving Apalachicola River, Florida, one thousand five hundred dollars.

Choctawhatchee River. Improving Choctawhatchee River, Florida and Alabama, up to Newton, ten thousand dollars.

Cumberland Sound. Improving entrance to Cumberland Sound, between Amelia and Cumberland Islands, in Florida and Georgia, one hundred thousand dollars.

Escambia River. Improving Escambia River, Florida and Alabama, five thousand dollars.

Saint John's River. Improving Saint John's River, Florida, one hundred thousand dollars.

Pea's Creek. Improving Pea's Creek, in Florida, seven thousand dollars.

Withlacooche River. Improving Withlacooche River, in Florida, seven thousand five hundred dollars.

Suwanee River. Improving Suwanee River, Florida, three thousand dollars.

Volusia Bar. Improving Volusia Bar, Florida, five thousand five hundred dollars.

Alabama River. Improving Alabama River, Alabama, twenty thousand dollars.

Big Sunflower River. Improving Big Sunflower River, Mississippi, four thousand dollars.

Noxubee River. Improving Noxubee River, Mississippi, eight thousand dollars.

Pascagoula River. Improving Pascagoula River, Mississippi, four thousand dollars.

Pearl River. Improving Pearl River below Jackson, Mississippi, twenty-five thousand dollars.

Improving Pearl River Mississippi, from Jackson to Carthage, two thousand five hundred dollars.

Improving Tallahatchee River, Mississippi, three thousand dollars; of which sum two thousand dollars shall be expended above the mouth of Cold Water River to Batesville. Tallahatchee River.

Improving Tombigbee River above Columbus, Mississippi, one thousand dollars. Tombigbee River.

Improving Yazoo River, Mississippi, six thousand dollars. Yazoo River.

Improving Amite River, Louisiana, five thousand dollars. Amite River.

Improving Bayou Courtableau from Port Barre to Atchafalaya, Louisiana, seven thousand five hundred dollars. Bayou Courtableau.

Improving Bayou Teche from Saint Martinville to Port Barre, Louisiana, twenty thousand dollars. Bayou Teche.

Improving Bayou Terrebonne, Louisiana: Completing improvement, eight thousand eight hundred dollars. Bayou Terrebonne.

Removing raft in Red River and closing Tone's Bayou, Louisiana, ten thousand dollars. Red River.

Removing obstructions from Red River, Louisiana, ten thousand dollars. And the Secretary of War is hereby directed to cause a thorough survey to be made of the mouth of Red River, and a plan for its permanent improvement to be reported to Congress on or before the first Monday of December, eighteen hundred and eighty-one, with estimates of cost; and said survey and plan to be paid for out of the unexpended balance already appropriated for the mouth of Red River.

Improving Tangipahoa River, Louisiana, two thousand dollars. Tangipahoa River.

Improving Vermillion River, Louisiana: Completing improvement, four thousand nine hundred dollars. Vermillion River.

Improving Warrior and Tombigbee Rivers, Alabama and Mississippi, to be expended in the same proportions as the appropriation under the act of June, eighteen hundred and eighty, twenty-five thousand dollars. Warrior River.

Improving Aransas Pass and Bay, up to Rockport and Corpus Christi, Texas, eighty thousand dollars. Aransas Pass.

Improving channel over bar at mouth of Brazos River, Texas, forty thousand dollars. Brazos River, channel at mouth of.

Improving Pass Cavallo Inlet into Matagorda Bay, Texas, sixty thousand dollars. Pass Cavallo Inlet.

Improving ship-channel, Galveston Bay, Texas, fifty thousand dollars. Ship-channel, Galveston Bay.

Improving Neches River, Texas, three thousand dollars. Neches River.

Improving Sabine Pass and Blue Buck Bar, Texas, one hundred and fifty thousand dollars. Sabine Pass and Blue Buck Bar.

Improving Narrows of Sabine River above Orange, Texas, and to deepen channel at its mouth, seven thousand dollars. Sabine River.

Improving Trinity River, Texas, ten thousand dollars. Trinity River.

Improving Arkansas River between Fort Smith, Arkansas, and Wichita, Kansas, twenty-four thousand dollars. Arkansas River.

Improving Arkansas River at Pine Bluff, Arkansas, twenty-three thousand dollars.

Black River. Improving Black River, Arkansas and Missouri, six thousand dollars, to be applied from Poplar Bluff.

Fourche Le Fevre River. Improving Fourche Le Fevre River, Arkansas, three thousand dollars.

Ouachita River. Improving Ouachita River, Arkansas and Louisiana, twelve thousand dollars.

Saline River. Improving Saline River, Arkansas, five thousand dollars.

White River. Improving White River between Jacksonport and Buffalo Shoals, Arkansas, eight thousand dollars.

Improving White and Saint Francis Rivers, Arkansas, eight thousand dollars.

Big Hatchee River. Improving Big Hatchee River, Tennessee, three thousand five hundred dollars.

Caney Fork River. Improving Caney Fork River, Tennessee, four thousand dollars.

Clinch River. Improving Clinch River Tennessee, three thousand dollars.

Cumberland River. Improving Cumberland River above Nashville, Tennessee: From Nashville to Kentucky State line, fifteen thousand dollars; from Kentucky line to Smith's Shoals, fifteen thousand dollars; at Smith's Shoals, completing improvement, ten thousand dollars.

Improving Cumberland River below Nashville, Tennessee, fifteen thousand dollars.

Duck River. Improving Duck River, Tennessee, three thousand dollars.

French Broad River. Improving French Broad River above Knoxville, Tennessee, three thousand five hundred dollars.

Hiwassee River. Improving Hiwassee River, Tennessee, one thousand five hundred dollars.

Obed's River Improving Obed's River, Tennessee, two thousand five hundred dollars.

Tennessee River. Improving Tennessee River above Chattanooga, Tennessee, seven thousand dollars.

Red River. Improving Red River from its mouth to Port Royal, in Montgomery County, Tennessee, five thousand dollars.

Tennessee River, including Muscle Shoals. Improving Tennessee River below Chattanooga, including Muscle Shoals and shoal at Reynoldsburgh; Tennessee and Alabama, two hundred and fifty thousand dollars.

Kentucky River. Improving Kentucky River from its mouth to Three Forks, Kentucky, one hundred and twenty-five thousand dollars.

Big Sandy River. Improving Big Sandy River from Catlettsburgh, Kentucky, to head of navigation, fifty thousand dollars; of which sum forty-six thousand dollars shall be expended at Louisa, and four thousand dollars in the continuation of works on the upper river.

Sandusky River. Improving Sandusky River, Ohio seven thousand five hundred dollars.

Wabash River. Improving Wabash River, Indiana, fifty thousand dollars, one-half of which is to be used on the river above Vincennes.

White River. Improving White River, Indiana, from Wabash River to Portersville, and to falls on West Fork, twenty thousand dollars.

Illinois River. Improving Illinois River, Illinois, two hundred and fifty thousand dollars.

Mississippi River. Improving Mississippi River at and above Alexandria, Missouri, six thousand dollars.

Improving Mississippi River at or near Cape Girardeau and Minton's Point, Missouri, ten thousand dollars.

Improving Mississippi River from Des Moines Rapids to mouth of Illinois River, Illinois and Missouri, one hundred and seventy-five thousand dollars; and the sums of money heretofore appropriated for the improvement of the Mississippi between the Illinois and Missouri Rivers, and unexpended, are hereby reappropriated, and shall be applied to the improvement of the harbor and Mississippi River at Alton.

Improving Mississippi River between mouths of the Illinois and Ohio Rivers, Illinois and Missouri, six hundred thousand dollars.

Removing bar in Mississippi River opposite Dubuque, Iowa, five thousand dollars.

Completion of work of removing sand-bar in Mississippi River opposite Guttenberg, Iowa, five thousand dollars.

Improving Mississippi River at Hannibal, Missouri, twenty thousand dollars.

Improving Mississippi River at Natchez and Vidalia, Mississippi and Louisiana, fifty thousand dollars.

Improving Mississippi River above Falls of Saint Anthony, Minnesota, ten thousand dollars.

Improving Mississippi River from Saint Paul to Des Moines Rapids, Minnesota, Iowa, Missouri, Illinois, and Wisconsin, two hundred thousand dollars.

Improving Quincy Bay, Illinois, ten thousand dollars. Quincy Bay.

Annual expense of gauging the waters of the Mississippi River and its tributaries: Continuing observations of the rise and fall of the river and its chief tributaries, as required by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars. Gauging waters of Mississippi River. 1871, Res. 40. Stat. 16, 598.

Improving Upper Mississippi River: Operating snag-boat and building light-draught steamer, twenty-five thousand dollars. Upper Mississippi River.

Improving Rock Island Rapids, Mississippi River, Iowa and Illinois: Completing improvement, eight thousand dollars. Rock Island Rapids.

Improving Des Moines Rapids, Iowa and Illinois, twenty-five thousand dollars. And hereafter, for the purpose of operating and keeping in repair the Des Moines Rapids Canal, and Saint Mary's Falls Canal, and Saint Clair Flats Canal, and the Louisville and Portland Canal, the Secretary of War is authorized to draw his requisition on the Secretary of the Treasury from time to time, which requisition shall be paid out of any money in the Treasury not otherwise appropriated. Des Moines Rapids. Des Moines Rapids Canal. Saint Mary's Falls Canal. Saint Clair Flats Canal. Louisville and Portland Canal.

Improving the Osage River, Kansas and Missouri, twenty thousand dollars. Osage River.

Improving Cuivre River, Missouri, from mouth to Chain of Rocks, and removing snags and obstructions, five thousand dollars. Cuivre River.

Improving Gasconade River, Missouri, ten thousand dollars. Gasconade River.

Improving Missouri River at Atchison, Kansas, twenty thousand dollars. Missouri River.

Improving Missouri River from Kansas City to its mouth, thirty-five thousand dollars.

Improving Missouri River at Brownville, Nebraska, ten thousand dollars.

Improving Missouri River at Cedar City, Missouri, fifteen thousand dollars.

Improving Missouri River at Council Bluffs, Iowa, and at Omaha, Nebraska, thirty thousand dollars.

Improving Missouri River at Eastport, Iowa, and at Nebraska City, Nebraska, twenty thousand dollars.

Improving Missouri River at Plattsmouth, Nebraska, ten thousand dollars.

Improving Missouri River at or near Fort Leavenworth, Kansas, eight thousand dollars.

Improving Missouri River at and near Glasgow, Missouri, twenty thousand dollars.

Improving Missouri River at and near Kansas City, Missouri, twenty thousand dollars.

Improving Missouri River at Lexington, Missouri, ten thousand dollars.

Improving Missouri River at Saint Charles, Missouri, fifteen thousand dollars.

Improving Missouri River at and near Saint Joseph, Missouri, twenty thousand dollars.

Improving Missouri River at Sioux City, Iowa: For improvement of channel, seven thousand dollars.

Improving Missouri River at Vermillion, Dakota, fifteen thousand dollars.

Improving Missouri River above mouth of Yellowstone River, Dakota, forty thousand dollars.

Survey of Missouri River. Survey of Missouri River from its mouth to Fort Benton, Montana: Continuing survey above Sioux City, thirty thousand dollars.

Detroit River. Improving Detroit River, Michigan, fifty thousand dollars.

Saginaw River. Improving Saginaw River, Michigan, ten thousand dollars.

Saint Mary's River and Saint Mary's Falls Canal. Improving Saint Mary's River and Saint Mary's Falls Canal, Michigan: Completing improvement, one hundred and fifty thousand dollars.

Saint Anthony's Falls. Repairs and contingencies of public works at Saint Anthony's Falls, Minnesota: To meet repairs necessary, present and prospective, fifteen thousand dollars, which shall be available immediately after the passage of this act.

Saint Croix River. Improving Saint Croix River below Taylor's Falls, Wisconsin, eight thousand dollars.

Red River of the North. Improving Red River of the North, Minnesota and Dakota, eighteen thousand dollars.

Goose Rapids. Constructing a lock and dam at Goose Rapids, on the Red River of the North, Minnesota and Dakota, twenty thousand dollars.

Yellowstone River. Improving Yellowstone River, Montana and Dakota, twenty thousand dollars.

Coos Bay Harbor. Continuing improvement at the entrance of Coos Bay Harbor, Oregon, thirty thousand dollars.

Canal, Cascades of Columbia River. Canal around Cascades of Columbia River, Oregon, one hundred thousand dollars.

Improving Upper Columbia River, including Snake River, Oregon, fifteen thousand dollars. Upper Columbia River.

Improving Lower Williamete and Columbia Rivers, from Portland, Oregon, to the sea, including bar at mouth of Columbia River, Oregon, forty-five thousand dollars. Lower Willamette.

Improving Upper Williamette and Yamhill Rivers, Oregon, fifteen thousand dollars. Upper Willamette.

Improving Petalumas Creek, California, eight thousand dollars. Petalumas Creek.

Improving Sacramento River, California, sixty thousand dollars. Sacramento River.

Improving San Joaquin River, California, forty thousand dollars; ten thousand dollars of which amount may be used in the discretion of the engineer in the improvement of Mormon Slough. San Joaquin River.

Examinations and surveys at South Pass of Mississippi River: To ascertain the depth of water and width of channel secured and maintained from time to time by James B. Eads at South Pass of the Mississippi River, and to enable the Secretary of War to report during the maintenance of the work, ten thousand dollars; and also to ascertain by soundings whether and to what extent, within a distance of five miles from the present mouth of the river at the South Pass, the gulf has filled up by deposits from the river since the construction of the Eads jetties. Examinations and surveys at South Pass of Mississippi River.

Improving Fox and Wisconsin Rivers, Wisconsin, one hundred and twenty-five thousand dollars; of which sum fifty thousand dollars shall be expended in continuing the improvement of the Wisconsin River, and seventy-five thousand for continuing the improvement of the Fox River. Fox and Wisconsin Rivers.

Improving Calcasieu Pass, Louisiana, twelve thousand dollars. Calcasieu Pass and River.

Improving Calcasieu River, Louisiana, from Phillips Bluff to its mouth, three thousand dollars.

Improving Savannah River, Georgia, fifteen thousand dollars. Savannah River.

Improving Mississippi River at Andalusia, Illinois, six thousand dollars. Mississippi River.

Improving Mississippi River at Louisiana, Missouri, ten thousand dollars.

Repairing breakwater on the Saint Croix River near Calais, four thousand dollars. Saint Croix River.

Improving Altamaha River, Georgia, five thousand dollars. Altamaha River.

Improving Wappoo Cut, South Carolina, ten thousand dollars. Wappoo Cut.

Improving Neabsco Creek, Virginia, five thousand dollars. Neabsco Creek.

Improving Bayou Bartholomew, Louisiana and Arkansas, eight thousand dollars. Bayou Bartholomew.

Improving Tensas River, Louisiana, three thousand dollars. Tensas River.

Improving Bayou Black, in Louisiana, ten thousand dollars. Bayou Black.

Improving Bayou Boeuf, Louisiana, five thousand dollars. Bayou Boeuf.

Improving Current River, Missouri and Arkansas, from Doniphan to its mouth, two thousand dollars. Current River.

Improving Rancocas River, New Jersey, ten thousand dollars. Rancocas River.

Christiana River. Improving Christiana River and Wilmington Harbor, Delaware: Deepening the channel and improving the harbor of Christiana River from the Delaware River to and above the city of Wilmington, in accordance with the surveys and plans of the United States Engineer Department, fifty thousand dollars.

Chester Creek. Improving Chester Creek, Pennsylvania, three thousand dollars.

Mattawan Creek. Improving Mattawan Creek, New Jersey, fifteen thousand dollars.

Raritan Bay. Improving Raritan Bay, New Jersey, from Perth Amboy and South Amboy to the main ship-channel off Great Kiln, fifty thousand dollars.

Newport Harbor. Improving Newport Harbor, Rhode Island, twenty-five thousand dollars.

Tradewater River. Improving Tradewater River, Kentucky, open navigation, three thousand dollars.

Cumberland River. Improving Cumberland River, Kentucky, above mouth of Jelico, ten thousand dollars.

Buffalo Bayou. Improving Buffalo Bayou, Texas: To secure a channel of one hundred feet, twenty-five thousand dollars.

Kewanee Harbor. Improving Kewanee Harbor, Wisconsin, five thousand dollars.

Niagara River. Improving Niagara River, New York, five thousand dollars.

Portland Harbor. Improving Portland Harbor, Maine, twenty thousand dollars.

Scituate Harbor. Improving Scituate Harbor, Massachusetts, ten thousand dollars

Moosabec Bar. Improving Moosabec Bar at Jonesport, Maine, ten thousand dollars.

Wareham Harbor. Improving Wareham Harbor, Massachusetts, ten thousand dollars.

Canarsie Bay. Improving Canarsie Bay, New York, five thousand dollars.

Sheepshead Bay. Improving Sheepshead Bay, New York, five thousand dollars.

Salem River. Improving Salem River, New Jersey, three thousand dollars.

Susquehanna River. Improving Susquehanna River, Pennsylvania, above Richard's Island, fifteen thousand dollars.

Improving Susquehanna River above and below Havre de Grace, Maryland, fifteen thousand dollars.

Archer's Hope River. Improving Archer's Hope River, Virginia, five thousand dollars.

Wateree River. Improving Wateree River, South Carolina, eight thousand dollars.

Santee River. Improving Santee River, South Carolina, by deepening and straightening its outlet to Winyah Bay through Mosquito Creek, twenty-two thousand dollars.

Pensacola Harbor. Improving Pensacola Harbor, Florida, twenty thousand dollars.

Tchefuncte River. Improving Tchefuncte River, Louisiana, one thousand five hundred dollars.

Tickfaw River. Improving Tickfaw River, Louisiana, two thousand dollars.

Improving Bayou Teche by connecting same with Grand Lake at Charenton, Louisiana, twenty five thousand dollars. Bayou Teche.

Improving bar and harbor at Brazos Santiago, Texas, seventy-five thousand dollars. Brazos Harbor.

Improving Yallabusha River, Mississippi, three thousand five hundred dollars. Yallabusha River.

Improving Tchula Lake, Mississippi, three thousand dollars. Tchula Lake.

For the expenses of operating and maintaining the Louisville and Portland Canal for the fiscal year ending June thirtieth, eighteen hundred and eighty-one, forty-two thousand dollars, which sum shall be immediately available. Louisville and Portland Canal.

Improving entrance to Yaquina Bay, Oregon, ten thousand dollars. Yaquina Bay.

Improving Cowlitz River, Washington Territory, one thousand dollars. Cowlitz River.

Of the amount now available for the improvement of Bayou La Fourche, Louisiana, the sum of five hundred dollars, or so much thereof as may be necessary, shall be expended in the removal of brick pier at Donaldsonville. Pier at Donaldsonville, removal of.

Improving Richmond Harbor, Kennebec River, Maine, ten thousand dollars; of which sum six thousand dollars shall be expended for wing dams and dredging at the head of Swan's Island and at Hatch's Rock, and four thousand dollars in dredging and deepening the channel at the foot of Swan's Island according to the plan recommended by Lieutenant Russell. Richmond Harbor, Kennebec River.

For reservoirs upon the headwaters of the Mississippi River and its tributaries, one hundred and fifty thousand dollars; and this sum, together with the sum of seventy-five thousand dollars heretofore appropriated for the construction of a dam at Lake Winnibigoshish, shall be expended at such places on said headwaters of the Mississippi River and its tributaries as the Secretary of War shall determine: *And it is provided*, That compensation for any private property taken or appropriated for any of said improvements, and all damages to private property caused by the construction of any of said dams, by flowage or otherwise, shall be ascertained and determined under and in accordance with the laws of the State in which such private property is situated. Reservoirs upon headwaters of Mississippi River. *Proviso.* Damages to private property, compensated for under State laws.

And the Secretary of the Interior is hereby authorized and directed to ascertain what, if any, injury is occasioned to the rights of any friendly Indians, occupying any Indian reservation, by the construction of any of said dams, or the cutting or the removing of trees or other materials from any such reservation for the construction or erection of any of said dams, and to determine the amount of damages payable to such Indians therefor; and all such damages to private property and to friendly Indians, when ascertained and determined in the manner herein directed and provided, shall be paid by the United States: *Provided, however*, That such damages shall not exceed ten per centum of the sums hereby and heretofore appropriated for the construction of said reservoirs. Rights of Indians preserved and protected. *Proviso.*

Improving Sumpawamus Inlet, New York, five thousand dollars. Sumpawamus Inlet.

Saint Jerome's Creek Harbor.

Improving the harbor at the entrance of Saint Jerome's Creek, Maryland, six thousand five hundred dollars.

Saint Jones River.

For the improvement of Saint Jones River, in the State of Delaware, five thousand dollars.

Purchase of sites for locks and dams.

Such parts of the money appropriated by this act for any particular improvement requiring locks and dams as may be necessary in the prosecution of such improvement may be expended in the purchase, voluntary or by condemnation, as the case may be, of necessary sites: *Provided*, That such expenditure shall be under the direction of the Secretary of War: *And provided further*, That if the owners of such lands shall refuse to sell them at reasonable prices, then the prices to be paid shall be determined and the title and jurisdiction procured in the manner prescribed by the laws of the State in which such lands or sites are situated.

Proviso.

Proviso.

Title, how perfected.

Manner of making improvements.

It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements, other than surveys and estimates, in carrying on the various works, as far as can be without actual detriment to the interest of the government, by contract. Where such works cannot be done by contract without injury to the public interest, they may be prosecuted by hired labor. Where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution of the work according to such contract, and for the proper payment of all liabilities incurred in the prosecution thereof for labor and material.

Proposals.

Contracts after advertisement.

Lowest bidder.

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Examinations and surveys.

SEC. 3. That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, and estimates of cost of improvements proper, to be made at the following points, namely:

Harbor of San Luis Obispo, California.

Tombigbee River, Mississippi, from Fulton to Warren's Mill.

The Chattahoochee River, in Georgia, between West Point and Bolton, on the Western and Atlantic Railroad, so as to complete the survey of that portion of said river.

Bear Creek, running into Yazoo River.

Harbor at Port Henry, on Lake Champlain.

Frankford Creek from its mouth in the Delaware River to Frankford Avenue.

Five Mile Point, above Bridesburg, Delaware River.

Mouth of the Mispillion, Delaware.

Mokelumne River, California, from its mouth at or near Woodbridge.

New York Bay between Sandy Hook and Coney Island Point.

Newton Creek, Camden County, from Delaware River to head of navigation.

Mantua Creek, Gloucester County, from Delaware River to head of navigation.

Examinations and surveys—Continued.

Maurice River from Delaware Bay to Millville, Cumberland County.

Salem and Cohansey Rivers, New Jersey.

Completing survey of Harlem River and through the Harlem Kilns to the East River.

Survey for harbor of refuge in Lake Pepin, at Stockholm, Wisconsin, and Lake City, Minnesota.

Beaver Bay, Minnesota, to ascertain the cost and practicability of making it a harbor of refuge.

Grand Portage Bay and Wans-wau-goising Bay, Minnesota, to determine which, if either, should be made a harbor of refuge.

Sackett's Harbor, New York.

Matagorda Bay at the mouth of Saint Mary's Bayou, near the town of Matagorda, Texas.

Harbors of Madison and Clinton, Connecticut.

Edgartown Harbor and South Beach, Massachusetts.

Staunton River from Brook Neal, in Campbell County, to mouth of Pig River, Virginia.

Roanoke River from Weldon North Carolina, to Clarksville, Virginia.

Bear Creek, running from Northeast Mississippi into the Tennessee River.

To deepen the channel of the Harrisecket River from Weston's Point to Freeport Landing in Freeport, Maine.

The channel of Broad Creek on the west side of Kent Island, Maryland.

Harbor of Brunswick, on the Androscoggin River.

Buzzard's Bay and Barnstable Bay, Massachusetts, at the entrance of the proposed Cape Cod Canal.

Sabine Pass, Texas, through Sabine Lake and River to Orange and Sabine Lake, and the Neches River to Beaumont, to ascertain the cost and practicability of a deep-water channel from Sabine Pass to Orange and Beaumont.

Old Town Creek, Mississippi.

Bar at mouth of Winyah Bay, near Georgetown, South Carolina.

Little Red River in Arkansas.

And the Secretary of War is hereby directed to cause to be made examinations and surveys, or both, and estimates of the cost of the further improvements necessary to be made in the Savannah River and Harbor to increase the depth of the water in said river and harbor from the bar up to the city to twenty-two feet, and to make an estimate of the cost of widening the channel of the Savannah River opposite the city to six hundred feet of uniform depth with the balance of the channel.

Young's, Lewis' and Clarke's, and Skipanon Rivers, entering into Young's Bay, in the county of Clatsop, near mouth of Columbia River, Oregon.

Snake River from Lewiston to the mouth of Salmon River, Idaho Territory.

Corsica Creek, Maryland.

Harbor at mouth of Cedar River, on Green Bay, Michigan.

Lynn Harbor, Massachusetts.

Examinations and surveys—Continued.

Merrimac River from Lawrence, Massachusetts, to Manchester, New Hampshire.

Channel between islands of North Hero and South Hero, Lake Champlain.

Little Tennessee River from its mouth on the Holston or Big Tennessee River to the mouth of Tellico River.

Dog Island Harbor, harbor of Key West, Crystal River, La Grange Bayou up to Freeport, Manatee River, and Crooked River, Florida.

Indian River, Florida, at the north end, in view of opening a passage into the lagoon one-half mile east.

From a point between Ellis Island and the docks of New Jersey Central Railroad, to a point between Robbins' Reef Light and Constable Hook, in waters of New York Bay, New Jersey.

Big Black River, Mississippi.

Outlet of harbor of Ship Island.

Harbor at Boloxi, Mississippi.

Harbor at Pascagoula, Mississippi.

Upper thoroughfare leading into Tangier Sound, Deil's Island, and Rock Creek, Maryland.

Fish Bend, near Fort Chartres, in the Mississippi River.

Murder Kiln, Delaware.

Delaware River.

Potomac and Anacostia Rivers, in the vicinity of Washington, District of Columbia, with reference to the improvement of navigation, the establishment of the harbor-line, and the raising of the flats, so far as their improvement may be necessary to the improvement of navigation and the establishment of the harbor-line.

Mouth of Cedar River, Green Bay, Michigan.

Greenport Harbor, New York.

Survey for harbor of refuge at New Buffalo, Michigan.

The headwaters of the Cannon River, in Minnesota, with a view that the same may be added to the reservoir system of the Upper Mississippi.

The water connection between the Waccamaw and Cape Fear Rivers, with the view of ascertaining if a continuous inland water connection can not thereby be established.

Toledo, Ohio, for a straight channel to Lake Erie.

For harbor at Caseville, Saginaw Bay, Lake Huron.

The Calumet River from South Chicago to the village of Pullman, on Lake Calumet.

For a further survey of James River, for the purpose of ascertaining the practicability and cost of procuring a channel of twenty-five feet at full tide from Richmond to the mouth of the river

Survey of Upper Machodoc Creek, a tributary of Potomac River.

Survey of Urbana Creek, a tributary of Rappahannock River, from the village of Urbana to the Oaks.

The harbor of Mamaroneck, New York.

Cumberland River at Smith's Shoals, in the State of Kentucky, to ascertain the practicability and the cost of a canal, with locks and dams, from the head to the foot of said shoals.

The harbor at the Delaware Breakwater, and the entrance thereto. Examinations and surveys—continued.

Indian River, in the State of Delaware, from its mouth to Millsborough.

Survey of the Clarion River from its mouth to Ridgway, Pennsylvania.

From Brazos de Santiago through Laguna Madre to Point Isabel, Texas, to ascertain the cost and practicability of a deep-water channel from the anchorage at Brazos de Santiago to the railroad wharf at Point Isabel.

Survey for breakwater and harbor of refuge at Milford Connecticut.

Entrance to Gray's Harbor, Washington Territory.

Between Baker's Bay and Shoalwater Bay, Washington Territory, for canal for light-draught vessels.

Missouri River at or near Arrow Rock.

For survey of Nishnabotana from Hamburg, Iowa, to its junction with the Missouri.

Skipton Creek, Maryland.

Bush River, Maryland, from Harford Furnace to Chesapeake Bay.

Licking River from its mouth to Falmouth, in Kentucky.

Oregon Inlet, in Dare County, in North Carolina.

Survey of Chehalis River, in Washington Territory.

Whiteoak, Meherrin, and New Rivers, in North Carolina.

SEC. 4. That for the examinations and surveys herein provided for, and for incidental repairs of harbors for which there is no special appropriation, the sum of fifty thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated; and in every case where examinations or surveys are made, the report thereon shall embrace such information concerning the commercial importance, present and prospective, of the improvement contemplated thereby, and such general commercial statistics as the Secretary of War may be able to procure. Appropriation. Report.

Approved, March 3, 1881.

CHAP. 22.—An act making an appropriation for continuing the improvements of Galveston Harbor, State of Texas. Mar. 4, 1882. Vol. 22, p. 7.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one hundred thousand dollars be, and the same is hereby, appropriated, out of any moneys in the Treasury not otherwise appropriated, for the purpose of continuing the improvements of Galveston Harbor, in the State of Texas, which improvements are now being prosecuted under the direction of the Secretary of War, and the appropriation for which is wholly insufficient to continue the work to the end of the current fiscal year; and the expenditure of the sum hereby appropriated is placed under the direction and control of the Secretary of War. Galveston Harbor, Texas. Improvement of. Appropriation.

Approved, March 4, 1882.

Mar. 6, 1882.
Vol. 22, p. 7.

CHAP. 24.—An act to provide for certain of the most urgent deficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-two, and for other purposes.

Deficiency appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums, or so much thereof as may be necessary, be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the objects hereinafter expressed, for the service of the fiscal year ending June thirtieth, eighteen hundred and eighty-two, and prior years, namely:

* * * * *

Fishing Battery.

The Secretary of War is authorized to use the unexpended balance of the appropriations for the improvement of the Susquehanna River above and below Havre de Grace in the construction of the channel and breakwaters of the "Fishing Battery" below Havre de Grace.

* * * * *

Approved, March 6, 1882.

Mar. 21, 1882.
Vol. 22, p. 30.

CHAP. 44.—An act appropriating one hundred thousand dollars for continuing the work on Davis Island Dam.

Davis Island Dam, Ohio River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one hundred thousand dollars, be, and the same hereby is, appropriated, out of any money in the Treasury not otherwise appropriated, for the purpose of continuing the work on the Davis Island Dam in the Ohio River, and to be expended under the direction of the Secretary of War, and in anticipation of part of the appropriation for such purpose in the regular river and harbor act.

Appropriation.

Approved, March 21, 1882

May 1, 1882.
Vol. 22, p. 52

CHAP. 112.—An act to amend section fifty-two hundred and fifty-four, title sixty-three, Revised Statutes of the United States, concerning the use of piers and crib in the Mississippi River.

R. S., 5254, 1016, amended.
1873, ch. 278.
Saint Croix River, Wisconsin and Minnesota.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section fifty two hundred and fifty-four, title sixty-three, of the Revised Statutes of the United States shall be amended by adding after the words "Mississippi River," in the first line of said section, the words "and the Saint Croix River in the States of Wisconsin and Minnesota."

Approved, May 1, 1882.

May 4, 1882.
Vol. 22, p. 58.

CHAP. 119.—An act making an immediate appropriation for the removal of obstructions at Hell Gate, New York.

Removal of obstructions from Hell Gate, N. Y.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of fifty thousand dollars be and is hereby appro-

priated, to be paid out of any money in the Treasury not otherwise appropriated, for the removal of obstructions in East River, Hell Gate, New York, the same to be expended under the direction of the Secretary of War, and to be immediately available.

Appropriation.

Approved, May 4, 1882.

CHAP. 231.—An act for the government and control of the harbor of refuge at Sand Beach, Lake Huron, Michigan.

June 19, 1882.

Vol. 22, p. 107.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That from and after the passage of this act, and until the completion of the work of construction the Secretary of War is directed to assume full control over the harbor of refuge on Lake Huron at Sand Beach, Michigan, now in course of construction by the United States Government, and of the piers, breakwaters, docks, wharves, buildings, and other improvements made by the United States appertaining to said harbor of refuge, and to facilitate the use thereof, including the channels of and approaches to said harbor of refuge, so far as may be necessary to the protection and use of said harbor and the improvements aforesaid; and said Secretary of War, for the purpose aforesaid, and for the preservation of said harbor in the interests of commerce, shall prescribe such regulations not inconsistent with the laws of the United States respecting the use of said harbor and its channels, and the approaches thereto, and respecting the use of the piers, breakwaters, docks, wharves, buildings, and other improvements of said harbor, made by the United States, as he shall deem needful to fully protect and preserve the said harbor and its several channels and approaches, and the said piers, breakwaters, docks, wharves, buildings, and other improvements. Such regulations shall be promulgated by publication thereof for ten days consecutively in one daily newspaper published in each of the cities of Detroit, Port Huron, Buffalo, Cleveland, and Chicago, and said regulations may be changed in like manner from time to time. He shall also cause four copies of such regulations to be kept posted in conspicuous places on said piers and breakwaters.

Harbor of refuge. Sand Beach, Lake Huron, Mich.

Secretary of War to have full control until completion of work.

Regulations for preservation of work and improvements.

SEC. 2. That the Secretary of War shall appoint, upon the recommendation of the engineer officer in charge of the work, a custodian of said harbor and the improvements aforesaid, whose duty it shall be to preserve and protect the same under the regulations made as aforesaid by the Secretary of War, and to enforce the observance of said regulations and to guard and preserve the property of the United States at said harbor of refuge. Said custodian shall also have power to direct and regulate the stationing and anchoring of steam vessels and water-craft in said harbor, and the mooring thereof at the piers, breakwaters, docks, and wharves of said harbor, and the laying out and discharging of cargoes and ballast in said harbor, piers,

Custodian to be appointed.

Duties.

breakwaters and docks; and it shall be the duty of said custodian to report to the United States District Attorney for the eastern district of Michigan all violations of this act, and of the said regulations prescribed by the Secretary of War; and said custodian shall receive such compensation, not exceeding one hundred and fifty dollars per month, as the Secretary of War may allow.

Compensation.

Penalties for violation of regulations.

SEC. 3. That it shall be the duty of all persons using or navigating said harbor, its channels and approaches, or using any of the piers, breakwaters, docks, wharves, or other improvements made by the United States, to observe the regulations prescribed by the Secretary of War as aforesaid; and any person who shall willfully or negligently strand or sink any steam-vessel, boat, or craft in said harbor, or in the channels or approaches, or who shall willfully obstruct or oppose the custodian of said harbor in the enforcement of the regulations aforesaid, or who shall willfully or negligently, or by failure or neglect to observe the regulations prescribed by the Secretary of War for the use thereof, obstruct or impair said harbor, or cause any impediment, injury, filling up, or shoaling therein, or shall deposit any earth, ashes, stone, ballast, or other substances in said harbor, channels or approaches tending to obstruct or impair the navigation thereof, or who shall willfully damage or injure the piers, break-waters, wharves, docks, or other improvements of said harbor made by the United States, or who shall fail to obey and observe any of said prescribed regulations, shall be liable to a penalty of not less than fifty dollars nor more than five hundred dollars, to be recovered by information or by action of debt in the District Court of the United States for the eastern district of Michigan, with costs of suit, and shall, in addition thereto, be liable to the United States, or to any person aggrieved by such obstructions, or injuries, or unlawful acts or omissions in a civil action for all damages occasioned thereby, or by any of said unlawful acts, to said United States or such aggrieved person. And if such damage or injury to said harbor, channels, approaches, piers, breakwaters, docks, wharves, and other property of the United States in said harbor of refuge be committed by any steamer, vessel, or water-craft, or by the master or person in charge thereof, or if such master or other person in charge of such vessel shall willfully violate the regulations aforesaid, the aforesaid penalty of not less than fifty dollars nor more than five hundred dollars shall be incurred, and such vessel shall be liable for the penalty aforesaid, and may be proceeded against by way of libel for the recovery thereof in any court of the United States within whose jurisdiction such vessel may be found.

Steam launch authorized for harbor duty.

SEC. 4. That the Secretary of War may, in his discretion, purchase or hire a steam launch or tug, to be stationed at and used about said harbor, under the direction of said custodian, for the purpose of enforcing the provisions of this act; and such a sum as may be necessary, not exceeding ten thousand dollars, is hereby appropriated for the purchase or hire of said steam launch; and the expense of run-

Appropriation.

ning and maintaining said launch or tug and the salary of the custodian shall be paid out of the appropriation made for said harbor of refuge.

SEC. 5. That after the completion of said harbor by the United States Government the control shall be transferred to the Secretary of the Treasury.

Transfer of works and improvements to Secretary of Treasury.

Approved, June 19, 1882.

CHAP. 364.—An act granting to certain parties right of way over lands and waters of the United States.

July 31, 1882.

Vol. 22, p. 181.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Davidson B. Penn, of New Orleans, Louisiana, and his associates, under the name and style of the St. Tammany Water Works Company," or such other style as they may adopt, be, and are hereby, granted the right of way to lay conduits, pipes, arches, and aqueducts under the waters of Lake Pontchartrain to connect its northern shores with the city of New Orleans, and over and under any of the public waters or lands of the United States between New Orleans and said shore of said lake: *Provided,* That every part of such pipes, aqueducts, or other constructions shall be at least ten feet below the surface of said waters at mean low tide: *Provided, also,* That if at any time the constructions of said company shall in any way obstruct or interfere with the free and safe navigation of any of said waters, such constructions shall be removed or changed by the company upon notification by the Secretary of War.

St. Tammany Water Works Company of New Orleans, granted right of way to lay aqueducts, etc., under waters of Lake Pontchartrain, etc.

Provisos.

Approved, July 31, 1882.

CHAP. 375.—An act making appropriations for the construction, repair, and preservation of certain works on rivers and harbors, and for other purposes.

August 2, 1882.

Vol. 22, p. 191.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, and to be expended under the direction of the Secretary of War, for the construction, completion, repair, and preservation of the public works hereinafter named:

Appropriations Rivers and harbors:

Improving harbor at Portland, Maine: Continuing improvement, thirty-five thousand dollars.

Portland Harbor.

Improving harbor at Richmond, Maine: Continuing improvement, ten thousand dollars.

Richmond Harbor.

Improving harbor at Rockland, Maine: Constructing breakwaters, forty thousand dollars.

Rockland Harbor.

Improving harbor at Portsmouth, New Hampshire: Continuing improvement, seventeen thousand dollars.

Portsmouth Harbor.

Improving harbor at Burlington, Vermont: Continuing improvement, twelve thousand dollars.

Burlington Harbor.

Swanton Harbor. Improving harbor at Swanton, Vermont: Continuing improvement, four thousand five hundred dollars.

Boston Harbor. Improving harbor at Boston, Massachusetts: Completing improvement, ninety-six thousand five hundred dollars.

Nantucket Harbor. Improving harbor at Nantucket, Massachusetts: Continuing improvement, twenty-five thousand dollars.

Newburyport Harbor. Improving harbor at Newburyport, Massachusetts: Continuing improvement, forty thousand dollars.

Plymouth Harbor. Improving harbor at Plymouth, Massachusetts: Continuing improvement, fourteen thousand dollars.

Provincetown Harbor. Improving harbor at Provincetown, Massachusetts: Continuing improvement, five thousand dollars.

Scituate Harbor. Improving harbor at Scituate, Massachusetts: Continuing improvement, ten thousand dollars.

Wareham Harbor. Improving harbor at Wareham, Massachusetts: Continuing improvement, five thousand dollars.

Little Narragansett Bay. Improving Little Narragansett Bay, Rhode Island: Continuing improvement, six thousand dollars.

Newport Harbor. Improving harbor at Newport, Rhode Island: Continuing improvement, twenty thousand dollars.

Block Island Harbor and breakwater. Improving harbor and breakwater at Block Island, Rhode Island: Continuing improvement, nineteen thousand dollars.

Bridgeport Harbor. Improving harbor at Bridgeport, Connecticut: Continuing improvement, ten thousand dollars.

Breakwater at New Haven. Breakwater at New Haven, Connecticut: Continuing operations, sixty thousand dollars.

Milford Harbor. Improving harbor at Milford, Connecticut: Continuing improvement, five thousand dollars.

New Haven Harbor. Improving harbor at New Haven, Connecticut: Continuing improvement, thirty thousand dollars.

New London Harbor. Improving harbor at New London, Connecticut: Continuing improvement, nine thousand dollars.

Norwalk Harbor. Improving harbor at Norwalk, Connecticut: Continuing improvement, five thousand dollars.

Southport Harbor. Improving harbor at Southport, Connecticut: Continuing improvement, three thousand dollars.

Stonington Harbor. Improving harbor at Stonington, Connecticut: Continuing improvement, twenty-five thousand dollars.

Buttermilk Channel, New York Harbor. Improving Buttermilk Channel, New York Harbor: Continuing improvement, sixty thousand dollars.

Buffalo Harbor. Improving harbor at Buffalo, New York: Continuing improvement, one hundred and twenty-five thousand dollars.

Canarsie Bay. Improving Canarsie Bay, New York: Continuing improvement, three thousand dollars.

Charlotte Harbor. Improving harbor at Charlotte, New York: Continuing improvement, thirty-five thousand dollars.

Flushing Bay. Improving Flushing Bay, New York: Continuing improvement, five thousand dollars.

Great Sodus Bay Harbor. Improving harbor at Great Sodus Bay, New York: Continuing improvement, twenty-five thousand dollars.

Little Sodus Bay Harbor. Improving harbor at Little Sodus Bay, New York: Continuing improvement, twenty-five thousand dollars.

New Rochelle Harbor. Improving harbor at New Rochelle, New York: Continuing improvement, fifteen thousand dollars.

Improving Echo Harbor, New Rochelle, New York: Continuing improvement, three thousand dollars. Echo Harbor.

Improving harbor at Ogdensburgh, New York, ten thousand dollars. Ogdensburgh Harbor.

Improving harbor at Oswego, New York: Continuing improvement and enlargement of harbor, eighty thousand dollars. Oswego Harbor.

Improving Oak Orchard Harbor, New York, three thousand dollars. Oak Orchard Harbor.

Improving harbor at Port Chester, New York: Continuing improvement, fifteen thousand dollars. Port Chester Harbor.

Improving Gowanus Bay: Continuing improvement, twenty thousand dollars. Gowanus Bay.

Improving harbor at Port Jefferson, New York: Completing improvement, eight thousand dollars. Port Jefferson Harbor.

Improving harbor at Pultneyville, New York: Continuing improvement, four thousand dollars. Pultneyville Harbor.

Improving Sumpawanus Inlet, Long Island, New York, two thousand dollars. Sumpawanus Inlet.

Improving harbor at Rondout, New York: Repair of existing works, two thousand dollars. Rondout Harbor.

Improving Sheepshead Bay, New York: Continuing improvement, three thousand dollars. Sheepshead Bay.

Improving harbor at Wilson, New York: Continuing improvement, ten thousand dollars. Wilson Harbor.

Improving harbor at Erie, Pennsylvania: Continuing improvement, twenty thousand dollars. Erie Harbor.

Ice-harbor at Marcus Hook, Pennsylvania: Continuing operations, fifteen thousand dollars: *Provided*, That this sum shall be expended under the plans of the engineers as approved by the Secretary of War. Ice-harbor, Marcus Hook. *Proviso.*

Improving harbor at Delaware Breakwater, Delaware: Beginning the work of closing the "Gap," or opening, between the two works, which admits the northeast gales to the anchorage, one hundred and twenty-five thousand dollars: *Provided*, That the Secretary of War is hereby authorized to use any unexpended balance remaining of the appropriation made under the act of Congress approved January twenty-third, eighteen hundred and eighty, for the purpose of removing certain wrecks from the harbor at the Delaware Breakwater and the entrance thereto, and in the main ship-channel of the Delaware Bay and River for the purpose of removing any wrecks now or hereafter existing in the said Delaware Bay or Delaware River. Delaware Breakwater Harbor. *Proviso.*

Ice-harbor at the head of Delaware Bay, and for removal of sunken piers in channel back of Reedy Island, Delaware: For commencement of work, twenty-five thousand dollars. Ice-harbor head of Delaware Bay, etc.

Improving harbor at Wilmington, Delaware: Deepening the channel and improving Christiana River from the Delaware River to Wilmington, fifty thousand dollars. Wilmington Harbor.

Improving harbor at Baltimore, Maryland: Continuing operations for shortening and deepening the channel to twenty-seven feet at mean low water, four hundred and fifty thousand dollars. Baltimore Harbor.

Improving harbor at Breton Bay, Leonardtown, Maryland: Continuing improvement, five thousand dollars. Breton Bay Harbor.

Harbor, entrance to Saint Jerome's Creek.

Improving harbor at entrance of Saint Jerome's Creek, Maryland: Continuing operations five thousand dollars.

For surveys of ship canal to connect Chesapeake and Delaware Bays, etc.

That the sum of ten thousand dollars or so much thereof as may be necessary, be, and the same is hereby, appropriated, to be expended under the direction of the Secretary of War, in completing the surveys of a ship canal to connect the Chesapeake and Delaware Bays; and the Secretary of War is hereby directed to report to Congress which of the various routes surveyed will afford the greatest protection in case of war and the greatest facilities to commerce by cheapening the cost of transportation from the city of Baltimore to the Atlantic Ocean together with the cost of said improvement and its approaches, and the annual cost of maintaining and operating said canal when constructed. *Provided*, That nothing herein shall be construed to commit the Government to proceed with the construction of the said improvement. The Secretary of War is hereby directed, at his discretion, to cause an examination or survey, or both, and estimates of the cost of improvement proper to be made between City Island and New Rochelle Harbor, New York, and including the channel around Glen Island, the expense of such survey to be paid out of the amount appropriated in this act for examinations and surveys.

Proviso.

Survey, with report of cost of improvement, to be made between City Island and New Rochelle Harbor, etc.

Norfolk Harbor.

Improving harbor at Norfolk, Virginia: Continuing improvement of the harbor and its approaches, seventy-five thousand dollars.

Charleston Harbor, etc.

Improving harbor at Charleston (including Sullivan's Island), South Carolina: Continuing improvement, three hundred thousand dollars.

Brunswick Harbor.

Improving harbor at Brunswick, Georgia: Continuing improvement, twenty-five thousand dollars.

Cumberland Sound.

Improving Cumberland Sound, Georgia and Florida: Continuing improvement, fifty thousand dollars.

Savannah Harbor.

Improving harbor at Savannah, Georgia: Continuing improvement of the harbor and river, two hundred thousand dollars.

Apalachicola Bay.

Improving Apalachicola Bay, Florida: Continuing improvement, twenty-five thousand dollars.

Pensacola Harbor.

Improving harbor at Pensacola, Florida: Continuing improvement, fifty thousand dollars.

Tampa Bay.

Improving Tampa Bay, Florida: Continuing improvement, twenty thousand dollars.

Mobile Harbor and River.

Improving harbor and river of Mobile, Alabama: Continuing improvement, one hundred and twenty-five thousand dollars.

Aransas Pass and Bay.

Improving Aransas Pass and Bay, Texas: Continuing improvement up to Rockport and Corpus Christi, one hundred thousand dollars.

Brazos Santiago Harbor.

Improving harbor at Brazos Santiago, Texas: Continuing improvement of the bar and harbor, sixty thousand dollars.

Galveston Harbor.

Improving harbor at Galveston, Texas; Continuing operations at outer bar, three hundred thousand dollars.

Passo Cavallo Inlet.

Improving Passo Cavallo, Texas: Improving Passo Cavallo Inlet into Matagorda Bay, sixty thousand dollars.

Improving Sabine Pass, Texas: Continuing improvement at Sabine Pass and Blue Buck Bar, one hundred and fifty thousand dollars. Sabine Pass.

Improving harbor at Ashtabula, Ohio: Continuing operations to secure a sixteen-foot channel, twenty thousand dollars. Ashtabula Harbor.

Improving harbor at Black River, Ohio: Continuing improvement, seven thousand dollars. Black River Harbor.

Improving harbor at Cleveland, Ohio: Continuing improvement, one hundred and seventy-five thousand dollars. Cleveland Harbor.

Harbor of refuge near Cincinnati, Ohio: Continuing operations, sixteen thousand dollars. Harbor of refuge near Cincinnati.

Improving harbor at Fairport, Ohio: Continuing operations, ten thousand dollars. Fairport Harbor.

Improving harbor at Huron, Ohio: Continuing operations two thousand five hundred dollars. Huron Harbor.

Ice harbor at mouth of Muskingum River, Ohio: Continuing operations, forty thousand dollars. Ice-harbor, Muskingum River.

Improving harbor at Port Clinton, Ohio: Continuing improvement, six thousand dollars. Port Clinton Harbor.

Improving harbor at Sandusky City, Ohio: Continuing improvement ten thousand dollars. Sandusky City Harbor.

Improving harbor at Toledo, Ohio, Continuing improvement, fifty thousand dollars. Toledo Harbor.

Improving harbor at Vermillion, Ohio: Continuing improvement, three thousand dollars. Vermillion Harbor.

Improving harbor at Michigan City, Indiana: Continuing operations at inner harbor, twenty thousand dollars; continuing operations at outside harbor, sixty thousand dollars. Michigan City Harbor.

Improving harbor at Calumet, Illinois: Continuing improvement, thirty-five thousand dollars: *Provided*, That with a view to the improvement of the Calumet River, in the State of Illinois, from its mouth to the Fork at Calumet Lake, the Secretary of War shall appoint a board of engineers who shall examine said river and report upon the practicability and the best method of perfecting and maintaining a channel for through navigation to said Fork at Lake Calumet, adapted to the passage of the largest vessels navigating the Northern and Northwestern Lakes, limitating and locating the lines of channel to be improved by the United States, and of docks that may be constructed by private individuals, corporations, or other parties, and clearly defining the same under the direction of the Chief of Engineers, United States Army; and the Secretary of War shall report to Congress the result of said examination, and the estimated cost of the proposed improvement; also what legislation, if any, is necessary, to prevent encroachments being made or maintained within the limits of the channel designated as above provided for. Calumet Harbor. *Proviso.*

Improving harbor at Chicago, Illinois: Continuing operations at outside harbor, dredging in outer harbor, and constructing exterior breakwater, two hundred thousand dollars. Chicago Harbor.

Improving harbor at Waukegan, Illinois: Continuing improvement, twenty thousand dollars. Waukegan Harbor.

Quincy Bay. Improving Quincy Bay, Illinois: Continuing improvement, fifteen thousand dollars.

Au Sable Harbor. Improving harbor at Au Sable, Michigan: Continuing improvement, five thousand dollars.

Ice-harbor of refuge, Bell River. Improving ice-harbor of refuge at Bell River, Michigan: Continuing operations for removing bars, five thousand dollars.

Black Lake Harbor. Improving harbor at Black Lake, Michigan: Continuing operations, ten thousand dollars.

Charlevoix Harbor. Improving harbor at Charlevoix and entrance to Pine Lake, Michigan: Continuing improvement, ten thousand dollars.

Cheboygan Harbor. Improving harbor at Cheboygan, Michigan: Continuing improvement, ten thousand dollars.

Frankfort Harbor. Improving harbor at Frankfort, Michigan: Continuing improvement, fifteen thousand dollars.

Grand Haven Harbor. Improving harbor at Grand Haven, Michigan: Continuing improvement, forty thousand dollars.

Grand Marais harbor of refuge. Harbor of refuge at Grand Marais, Michigan: Continuing operations, forty thousand dollars.

Lake Huron harbor of refuge. Harbor of refuge at Lake Huron, Michigan: Continuing operations, seventy-five thousand dollars, of which twenty-five thousand dollars, or so much thereof as may be necessary may be used in dredging the bar in the middle of the harbor.

Ludington Harbor. Improving harbor at Ludington, Michigan: Continuing improvement, twelve thousand dollars.

Manistee Harbor. Improving harbor at Manistee, Michigan: Continuing improvement, fifteen thousand dollars.

Monroe Harbor. Improving harbor at Monroe, Michigan: Continuing improvement, one thousand dollars.

Muskegon Harbor. Improving harbor at Muskegon, Michigan: Continuing improvement, twenty-five thousand dollars.

Marquette Harbor. Improving harbor at Marquette, Michigan: Repair of existing works, sixteen thousand dollars.

Ontonagon Harbor. Improving harbor at Ontonagon, Michigan: Continuing improvement, twenty thousand dollars.

Pent Water Harbor. Improving harbor at Pent Water, Michigan: Continuing improvement, ten thousand dollars.

Cedar River Harbor. Improving mouth and harbor of Cedar River, Michigan: Continuing improvement, fifteen thousand dollars.

Portage Lake harbor of refuge. Harbor of refuge at Portage Lake, Michigan: Continuing improvement, twenty-five thousand dollars.

Saint Joseph Harbor. Improving harbor at Saint Joseph, Michigan: Continuing improvement of river and harbor at Saint Joseph, and of channel leading up to and including Benton Harbor, twelve thousand dollars.

Benton Harbor.

Saugatuck Harbor. Improving harbor at Saugatuck, Michigan: Continuing improvement, eight thousand dollars.

South Haven Harbor. Improving harbor at South Haven, Michigan: Continuing improvement, seven thousand dollars. And three thousand dollars for removing obstructions in and dredging channel of river to railroad bridge.

Thunder Bay Harbor. Improving harbor at Thunder Bay, Michigan: Continuing improvement by dredging channel one hundred and fifty feet wide to depth of fourteen feet fifteen thousand dollars.

Improving harbor at White River, Michigan: Continuing improvement, twelve thousand dollars. White River Harbor.

Improving harbor at Ahnapee, Wisconsin: Continuing improvement, twelve thousand dollars. Ahnapee Harbor.

Improving harbor at Green Bay, Wisconsin: Continuing improvement, twenty thousand dollars. Green Bay Harbor.

Improving harbor at Kenosha, Wisconsin: Continuing improvement six thousand dollars Kenosha Harbor.

Improving harbor at Kewaunee, Wisconsin: Continuing improvement, twelve thousand dollars Kewaunee Harbor.

Improving harbor at Manitowoc, Wisconsin: Continuing improvement, ten thousand dollars. Manitowoc Harbor.

Improving harbor at Menomonee, Wisconsin: Continuing improvement, fifteen thousand dollars. Menomonee Harbor.

Improving harbor at Milwaukee, Wisconsin: Continuing improvement, ten thousand dollars. Milwaukee Harbor.

Harbor of refuge at Milwaukee Bay, Wisconsin: Continuing improvement, one hundred thousand dollars. Milwaukee Bay harbor of refuge.

Improving harbor at Oconto, Wisconsin: Continuing improvement, fifteen thousand dollars. Oconto Harbor

Improving harbor at Port Washington, Wisconsin: Continuing improvement, seventeen thousand dollars. Port Washington Harbor.

Improving harbor at Racine, Wisconsin: Continuing improvement, seven thousand dollars. Racine Harbor.

Dredging Superior Bay, Wisconsin: Continuing operations forty thousand dollars. Superior Bay.

Improving harbor at Sheboygan, Wisconsin: Continuing improvement, thirty thousand dollars. Sheboygan Harbor.

Improving harbor of refuge at entrance of Sturgeon Bay, Canal, Wisconsin: Continuing improvement, twenty thousand dollars. Sturgeon Bay harbor of refuge.

Improving harbor at Two Rivers, Wisconsin: Continuing improvement, fifteen thousand dollars. Two Rivers Harbor.

Improving harbor at Muscatine, Iowa; Continuing improvement, two thousand five hundred dollars. Muscatine Harbor.

Improving harbor at Duluth, Minnesota: Continuing improvement, forty-five thousand dollars. Duluth Harbor.

Improving harbor at Grand Marais, Minnesota: Continuing improvement, twenty thousand dollars. Grand Marais Harbor.

Improving Humboldt Harbor and Bay, California: Continuing improvement, forty thousand dollars. Humboldt Harbor and Bay.

Improving harbor at Oakland, California: Continuing improvement two hundred thousand dollars. Oakland Harbor.

Improving harbor at Wilmington, California: Continuing improvement, one hundred thousand dollars, of which a sum not exceeding ten thousand dollars, shall be applied for the survey of the harbor at Santa Monica. Wilmington Harbor, Cal.

Improving entrance to Coos Bay and Harbor, Oregon: Continuing improvement, thirty thousand dollars. Coos Bay and Harbor.

Improving entrance to Yaquina Bay, Oregon: Continuing improvement, sixty thousand dollars. Yaquina Bay.

Improving Cathance River, Maine: Continuing improvement, five thousand dollars. Cathance River.

Improving Lubec Channel, Maine: Continuing improvement, twenty thousand dollars. Lubec Channel.

Moosabec Bar. Improving Moosabec Bar at Jonesport, Maine: Continuing improvement, ten thousand dollars.

Lamprey River. Improving Lamprey River, New Hampshire: Continuing improvement, ten thousand dollars.

Otter Creek. Improving Otter Creek, Vermont: Continuing improvement, two thousand dollars

Merrimac River. Improving Merrimac River, Massachusetts: Continuing improvement, nine thousand dollars.

Taunton River. Improving Taunton River, Massachusetts: Continuing improvement, twenty-five thousand dollars.

Construction of harbor of refuge at Woods Holl. For construction of a harbor of refuge at Woods Holl, Massachusetts, fifty-two thousand dollars.

Providence River and Narragansett Bay. Improving Providence River and Narragansett Bay, Rhode Island: Continuing improvement, one hundred and twenty-five thousand dollars.

Connecticut River and Channel of Salmon River. Improving Connecticut River, Connecticut: Continuing improvement below Hartford, forty-five thousand dollars, five thousand dollars of which for the improvement of the channel of Salmon River.

Housatonic River. Improving Housatonic River, Connecticut: Continuing improvement, two thousand dollars.

Thames River. Improving Thames River, Connecticut: Continuing improvement, thirty-five thousand dollars.

Channel between Staten Island and New Jersey at Elizabethport. Improving channel between Staten Island and New Jersey at Elizabethport: Continuing improvement, forty thousand dollars.

Removing obstructions, East River and Hell Gate. Removing obstructions in East River and Hell Gate, New York: Continuing operations, two hundred thousand dollars.

Hudson River. Improving Hudson River, New York: Continuing improvement, ten thousand dollars.

Niagara River. Improving Niagara River, New York: Continuing improvement, one thousand five hundred dollars.

Newtown Creek. Improving Newtown Creek, New York: Continuing improvement, fifteen thousand dollars.

Ticonderoga River. Improving Ticonderoga River, New York: Continuing improvement, five thousand dollars

Cheesequake's Creek. Improvement Cheesequake's Creek, New Jersey: Continuing improvement, fifteen thousand dollars.

Elizabeth River. Improving Elizabeth River, New Jersey: Continuing improvement, eight thousand dollars.

Mattawan Creek. Improving Mattawan Creek, New Jersey: Continuing improvement, six thousand dollars.

Manasquan River. Improving Manasquan River, New Jersey: Continuing improvement, seven thousand dollars.

Passaic River. Improving Passaic River, New Jersey: Improvement above Newark, seven thousand dollars; from Pennsylvania Railroad Bridge to mouth of river, forty-three thousand dollars.

Rahway River. Improving Rahway River, New Jersey: Continuing improvement, seven thousand dollars.

Rancocas River. Improving Rancocas River, New Jersey: Continuing improvement, ten thousand dollars.

Raritan River. Improving Raritan River, New Jersey: Continuing improvement, twenty-five thousand dollars, of which sum ten thousand dollars shall be expended on the south channel between Crab Island and Karney's Dock.

Improving Raritan Bay, New Jersey, from Perth Amboy and South Amboy to the main ship-channel off Great Kill, fifty thousand dollars. Raritan Bay.

Improving Cohansey Creek, New Jersey, five thousand dollars. Cohansey Creek.

Improving Salem River, New Jersey: Continuing improvement, one thousand five hundred dollars. Salem River.

Improving Shrewsbury River, New Jersey: Continuing improvement, thirty thousand dollars, of which sum fifteen thousand dollars for the South Shrewsbury River and fifteen thousand for the north and main branch of the Shrewsbury River. Shrewsbury River, and South Shrewsbury River.

Improving South River, New Jersey: Continuing improvement, ten thousand dollars. South River.

Improving Woodbridge Creek, New Jersey: Continuing improvement, five thousand dollars. Woodbridge Creek.

Improving Allegheny River, Pennsylvania: Continuing improvement, fifteen thousand dollars. Allegheny River.

Improving Chester Creek, Pennsylvania: Continuing iment, three thousand dollars. Chester Creek.

Improving Schuylkill River, Pennsylvania: Continuing improvement, twenty-five thousand dollars. Schuylkill River.

Improving Delaware River between Trenton, New Jersey, and Bridesburgh, Pennsylvania: Continuing improvement ten thousand dollars. Delaware River.

Improving Delaware River below Bridesburgh, Pennsylvania; Continuing improvement, one hundred and thirty-six thousand dollars, of which sum eleven thousand dollars for improvement of Smith's Island Bar.

Improving Delaware River at Schooner Ledge, Pennsylvania and Delaware: Continuing improvement, forty thousand dollars.

Improving Delaware River near Cherry Island Flats, Pennsylvania and Delaware: Continuing improvement, one hundred thousand dollars.

Improving Broad Creek, Delaware: Continuing improvement from its mouth to Laurel, five thousand dollars. Broad Creek.

Improving Indian River, in the State of Delaware, ten thousand dollars. Indian River.

Improving Broadkiln River, Delaware: Continuing improvement, five thousand dollars. Broadkiln River.

Improving Duck Creek, Delaware: Continuing improvement at its mouth, two thousand dollars. Duck Creek.

Improving Mispillion Creek, Delaware: Continuing improvement, three thousand dollars. Mispillion Creek.

Constructing pier in Delaware Bay near Lewes, Delaware: Continuing construction. thirteen thousand dollars. Pier, Delaware Bay, near Lewes.

Improving Chester River, Maryland: Continuing improvement from Spry's Landing to Crumpton, six thousand five hundred dollars. Chester River.

Improving Choptank River, Maryland: Continuing improvement between Denton and Greensborough, five thousand dollars Choptank River.

Improving upper water-passage or thoroughfare between Deal's Island and the main-land on Darnes Quarter, Maryland, five thousand dollars; and the unexpended balance Water-passage between Deal's Island and main-land on Darne's Quarter.

of lower thoroughfare is appropriated to the upper passage or thoroughfare.

Potomac River and flats, near Washington.

Improving the Potomac River in the vicinity of Washington with reference to the improvement of navigation, the establishment of harbor lines, and the raising of the flats, under the direction of the Secretary of War, and in accordance with the plan and report made in compliance with the river and harbor act approved March third eighteen hundred and eighty-one, and the reports of the board of engineers made in compliance with the resolution of the Senate of December thirteenth, eighteen hundred and eighty-one, four hundred thousand dollars.

Attorney-General to examine all claims to title to premises to be improved, etc.

And it is hereby made the duty of the Attorney-General to examine all claims of the title to the premises to be improved under this appropriation, and see that the rights of the government in all respects are secured and protected; and if he deems it necessary he is authorized to cause a suit or suits in law or in equity to be instituted, in the name of the United States, in the supreme court of the District of Columbia, against any and all claimants of title under any patent which in his opinion was by mistake or was improperly or illegally issued for any part of the marshes or flats within the limits of the proposed improvement.

Archer's Hope River.

Improving Archer's Hope River, Virginia: Continuing improvement, five thousand dollars.

Black Water River.

Improving Black Water River, Virginia: For completion of improvement, one thousand five hundred dollars.

Chickahominy River.

Improving Chickahominy River, Virginia: Continuing improvement, five thousand dollars.

James River.

Improving James River, Virginia: Continuing improvement, seventy-five thousand dollars.

New River.

Improving New River, Virginia and West Virginia: Continuing improvement from mouth of Wilson, in Grayson County, to mouth of Greenbrier River, twelve thousand dollars, of which sum five thousand dollars shall be expended between the lead mines in Wythe County and the mouth of Wilson, in Grayson County.

Nomini Creek.

Improving Nomini Creek, Virginia: Continuing improvement, two thousand dollars.

Pamunkey River.

Improving Pamunkey River, Virginia: Continuing improvement, two thousand five hundred dollars.

Rappahannock River.

Improving Rappahannock River, Virginia: Continuing improvement, seventeen thousand dollars.

Staunton River.

Improving Staunton River, Virginia: Continuing improvement, seven thousand dollars, of which five thousand dollars to be expended between Roanoke Station and Brook Neal, and two thousand dollars to be expended between Brook Neal, in Campbell County, and the mouth of Pig River, in Franklin County, Virginia.

Totusky River.

Improving Totusky River, Virginia: Continuing improvement, five thousand dollars.

Urbana Creek.

Improving Urbana Creek, Virginia: Continuing improvement, four thousand dollars.

York River.

Improving York River, Virginia: Continuing improvement, twenty-five thousand dollars.

Dan River.

Improving Dan River, Virginia and North Carolina: Continuing improvement, seven thousand five hundred dollars.

Improving North Landing River, Virginia and North Carolina: Continuing improvement, eight thousand dollars. North Landing River.

Improving Elk River, West Virginia: Continuing improvement two thousand dollars. Elk River.

Improving Great Kanawha River, West Virginia: Continuing improvement and operation of works, two hundred thousand dollars. Great Kanawha River.

Continuing the improvement of the Little Kanawha River, in West Virginia: To complete lock and dam, as estimated for by engineers, thirty-one thousand dollars: *Provided*, That no part of this amount shall be expended until the Little Kanawha Improvement Company shall have filed with the Secretary of War, to be approved by him, its agreement not to charge, in any manner, any tolls on the Little Kanawha river. Little Kanawha River. *Proviso.*

Improving Guyandotte River, West Virginia: Continuing improvement, two thousand dollars. Guyandotte River.

Improving Cape Fear River from the Ocean to Wilmington, North Carolina; Continuing improvement, two hundred and twenty-five thousand dollars. Cape Fear River.

Improving Cape Fear River from Wilmington to Fayetteville, North Carolina, thirty thousand dollars.

Improving Contentnia Creek, North Carolina: Continuing improvement, ten thousand dollars. Contentnia Creek.

Improving Yadkin River, North Carolina, twenty-five thousand dollars. Yadkin River.

Improving Currituck Sound and North River Bar, North Carolina: Continuing improvement, including Coanjok Bay, twenty thousand dollars. Currituck Sound and North River Bar, and Coanjok Bay.

Improving Beaufort Harbor, North Carolina: Continuing improvement, thirty thousand dollars, five thousand dollars of which shall be applied to the improvement of the line of inland navigation from Beaufort Harbor to New Berne. Beaufort Harbor.

Improving French Broad River, North Carolina: Continuing improvement from Smith's bridge up, five thousand dollars. French Broad River.

Improving New River, North Carolina, five thousand dollars. New River.

Improving Lillington River, North Carolina: Continuing improvement, three thousand dollars. Lillington River.

Improving Meherin River, North Carolina, five thousand dollars. Meherin River.

Improving Neuse River, North Carolina: Continuing improvement, thirty-five thousand dollars, five thousand dollars of which shall be applied to the improvement of the line of inland navigation from New Berne to Beaufort Harbor. Neuse River.

Improving Roanoke River, North Carolina, five thousand dollars. Roanoke River.

Improving Pamplico and Tar Rivers, North Carolina: Continuing improvement, ten thousand dollars. Pamplico and Tar Rivers.

Improving Trent River, North Carolina: Continuing improvement, ten thousand dollars. Trent River.

Improving Waccemaw River, North Carolina and South Carolina: Continuing improvement four thousand four hundred dollars. Waccemaw River.

Great Pedee River. Improving Great Pedee River, South Carolina: Continuing improvement, six thousand dollars.

Santee River. Improving Santee River, South Carolina: Continuing improvement, twenty thousand dollars.

Wappoo Cut. Improving Wappoo Cut, South Carolina: Continuing improvement ten thousand dollars.

Wateree River. Improving Wateree River, South Carolina: Continuing improvement, fifteen thousand dollars.

Altamaha River. Improving Altamaha River, Georgia: Continuing improvement, fifteen thousand dollars.

Chattahoochee River. Improving Chattahoochee River, Georgia: Continuing improvement, twenty-five thousand dollars.

Coosa River. Improving Coosa River, Georgia and Alabama: Continuing improvement, seventy-five thousand dollars; and the sum of eight thousand seven hundred dollars heretofore appropriated for the Etowa River is hereby transferred to the Coosa River below Rome, Georgia.

Flint River. Improving Flint River, Georgia: Continuing improvement, twenty-five thousand dollars, of which sum fifteen thousand dollars shall be expended below Albany and ten thousand dollars from Albany to Montezuma.

Ockmulgee River. Improving Ockmulgee River, Georgia: Continuing improvement, five thousand dollars

Oconee River. Improving Oconee River, Georgia: Continuing improvement five thousand dollars, of which sum three thousand dollars shall be expended on Car Shoals.

Car Shoals.

Oostenaula and Coosawattee Rivers. Improving Oostenaula and Coosawattee Rivers, Georgia: Continuing improvement, one thousand dollars.

Savannah River. Improving Savannah River, Georgia: Continuing improvement between cities of Augusta and Savannah, twenty-five thousand dollars.

Improving the Savannah River about the city of Augusta: To continue improvement, fifteen thousand dollars.

Apalachicola River. Improving Apalachicola River, Florida: Continuing improvement, two thousand dollars.

Peas Creek. Improving Peas Creek, Florida: Continuing improvement, four thousand dollars.

Saint John's River. Improving Saint John's River, Florida: Continuing improvement, one hundred and fifty thousand dollars, and twenty thousand dollars of this amount may be used on the river above the mouth, if the Chief of Engineers shall consider it best for the interests of commerce.

Suwanee River. Improving Suwanee River, Florida: Continuing improvement five thousand dollars.

Volusia Bar. Improving Volusia Bar, Florida: Continuing improvement, five thousand dollars

Choctawhatchee River. Improving Choctawhatchee River, Florida and Alabama: Continuing improvement up to Newton, Alabama, twenty thousand dollars. That twelve thousand dollars of this amount shall be expended for the improvement of the river above Geneva to Newton, Alabama, and two thousand dollars of the balance for the improvement of La Grange Bayou from its mouth up to the town of Freeport, Florida.

Escambia and Conecuh Rivers. Improving Escambia and Conecuh Rivers, Florida and Alabama: Continuing improvement, twelve thousand dollars.

Improving Alabama River, Alabama: Continuing improvement, twenty thousand dollars. Alabama River.

Improving Warrior and Tombigbee Rivers, Alabama and Mississippi: Continuing improvement, thirty thousand dollars, of which sum ten thousand dollars to be applied to the Warrior below Tuscaloosa, seven thousand five hundred dollars to the Tombigbee between Columbus and Vienna, seven thousand five hundred dollars to the Tombigbee between Vienna and Demopolis, and five thousand dollars below Demopolis. Warrior and Tombigbee Rivers.

Improving Big Sunflower River, Mississippi: Continuing improvement, five thousand dollars. Big Sunflower River.

Improving Noxubee River, Mississippi: Continuing improvement, ten thousand dollars. Noxubee River.

Improving Pascagoula River, Mississippi: Continuing improvement, eight thousand dollars. Pascagoula River.

Improving Pearl River, Mississippi: Continuing improvement from Jackson to Carthage, two thousand five hundred dollars. Pearl River.

For improving the roadstead which leads into the Back Bay of Biloxi, on the Mississippi Sound, according to survey and estimate made, five thousand dollars. Roadstead into Back Bay of Biloxi.

Improving Pearl River below Jackson, Mississippi: Continuing improvement, fifteen thousand dollars. Pearl River.

Improving Tallahatchee River above mouth of the Coldwater, Mississippi: Continuing improvement, three thousand dollars. Tallahatchee River.

Improving Tchula Lake, Mississippi: Continuing improvement, two thousand five hundred dollars Tchula Lake.

Improving Tombigbee River, Mississippi: Continuing improvement above Columbus, one thousand dollars. Tombigbee River.

Improving Yallabusha River, Mississippi: Continuing improvement, three thousand five hundred dollars. Yallabusha River.

Improving Yazoo River, Mississippi: Continuing improvement, eight thousand dollars. Yazoo River.

Improving Bayou Bartholomew, Louisiana and Arkansas: Continuing improvement, five thousand dollars. Bayou Bartholomew.

Improving Bayou Black up to Houma, Louisiana: Continuing improvement, ten thousand dollars Bayou Black.

Improving Bœuf River, Louisiana: Continuing improvement, five thousand dollars. Bœuf River.

Improving Bayou Terre Bonne up to Houma, Louisiana: Continuing improvement, seven thousand dollars. Bayou Terre Bonne.

Improving Calcasieu Pass, Louisiana: Continuing improvement, three thousand dollars. Calcasieu Pass.

Improving Calcasieu River, Louisiana: Continuing improvement, seven thousand dollars. Calcasieu River.

Improving Red River, Louisiana: Continuing improvement from the Atchafalaya to Fulton, Arkansas, including Bayou Pierre, Tone's Bayou, and to relieve the town of Alexandria from the encroachments of the river, seventy-five thousand dollars. Red River.

Improving Tchefuncte River and Bogue Falia, Louisiana: Continuing improvement, one thousand five hundred dollars. Tchefuncte River and Bogue Falia.

Improving Tickfaw River, Louisiana: Continuing improvement, two thousand dollars. Tickfaw River.

Mouth of Brazos River. Improving mouth of Brazos River, Texas: Continuing improvement, fifty thousand dollars.

Buffalo Bayou. Improving Buffalo Bayou, Texas: Continuing improvement, fifty thousand dollars.

Protection of river bank, Fort Brown, Tex. Protection of river bank at Fort Brown, Texas, one thousand dollars

Ship-channel, Galveston Bay. Improving ship-channel in Galveston Bay, Texas: To complete improvement, ninety-four thousand five hundred dollars.

Neches River. Improving Neches River, Texas: Continuing improvement, five thousand dollars.

Sabine River. Improving Sabine River, Texas: Continuing improvement of Narrows above Orange, and deepening channel at mouth of river, four thousand dollars.

Trinity River. Improving Trinity River, Texas: Continuing improvement, eight thousand dollars

Arkansas River. Improving Arkansas River, Arkansas: Continuing improvement at Pine Bluff, twenty thousand dollars.

Improving Arkansas River, Arkansas and Kansas: Continuing improvement between Fort Smith and Wachita, twenty thousand dollars.

Black River. Improving Black River, Arkansas and Missouri: Continuing improvement, ten thousand dollars.

Fourche Le Fevre River. Improving Fourche Le Fevre River, Arkansas: Continuing improvement, four thousand dollars.

Ouachita River. Improving Ouachita River, Arkansas and Louisiana: Continuing improvement, twelve thousand dollars.

Saline River. Improving Saline River, Arkansas; Continuing improvement, four thousand dollars

White River. Improving White River between Jacksonport and Buffalo Shoals, Arkansas: Continuing improvement, six thousand dollars.

White and Saint Francis Rivers. Improving White and Saint Francis Rivers, Arkansas: Continuing improvement, twelve thousand dollars.

Big Hatchee River. Improving Big Hatchee River, Tennessee; Continuing improvement, three thousand dollars.

Caney Fork River. Improving Caney Fork River, Tennessee; Continuing improvement, four thousand dollars.

Obey's River. For continuing to completion the work on Obey's River, in Tennessee, a tributary of the Cumberland, five thousand dollars.

Clinch River. Improving Clinch River, Tennessee; Continuing improvement, three thousand dollars.

Cumberland River. Improving Cumberland River above Nashville, Tennessee; Continuing improvement above Nashville, Tennessee, thirty thousand dollars.

For continuing the improvement of the Cumberland River at Smith's Shoals, Kentucky, fifteen thousand dollars.

Improving Cumberland River below Nashville, Tennessee; Continuing improvement, fifteen thousand dollars.

Improving Cumberland River above mouth of the Jellico, Kentucky: Continuing improvement, five thousand dollars.

South Fork of Cumberland River. Improving South Fork of the Cumberland River, Kentucky, three thousand dollars.

Duck River. Improving Duck River, Tennessee: Continuing improvement, three thousand dollars.

Improving French Broad River, Tennessee: Continuing improvement, five thousand dollars. French Broad River.

Improving Hiawassee River, Tennessee: Continuing improvement, one thousand five hundred dollars. Hiawassee River.

Improving Tennessee River above Chattanooga, Tennessee: Continuing improvement, seven thousand dollars. Tennessee River.

Improving Tennessee River below Chattanooga, Tennessee and Alabama: Continuing improvements below Chattanooga, including Muscle Shoals and Shoal at Reynoldsburgh, two hundred and fifty thousand dollars.

Improving Big Sandy River, Kentucky, twenty-five thousand dollars, of which sum five thousand dollars for the improvement of Louisa Fork and five thousand dollars for the improvement of Tug Fork. Big Sandy River.

Improving Kentucky River, Kentucky: Continuing improvement from mouth of river to Three Forks, two hundred and twenty-five thousand dollars of which sum seventy-five thousand dollars shall be used for the erection of a lock and movable dam at Beatysville, at junction of Three Forks. Kentucky River.

Improving Treadwater River, Kentucky: Continuing improvement, three thousand five hundred dollars. Treadwater River.

Improving Ohio River: Continuing improvement, three hundred and fifty thousand dollars. Ohio River.

Improving Sandusky River, Ohio: Continuing improvement, four thousand dollars. Sandusky River.

Improving Clinton River, Michigan: Continuing improvement, six thousand dollars. Clinton River.

Improving Detroit River, Michigan: Continuing improvement sixty thousand dollars. Detroit River.

Improving Grand River, Michigan, Continuing improvement from mouth of river to city of Grand Rapids, fifteen thousand dollars. Grand River.

Improving Saginaw River, Michigan: Continuing improvement, one hundred and twenty-five thousand dollars, of which sum sixty thousand dollars to be used opposite Bay City and for deepening the channel from the river into the bay, and sixty-five thousand dollars for improving the river above Bay City. Saginaw River.

Improving Chippewa River, Wisconsin: Continuing improvement, thirty five thousand dollars: *Provided*, That nothing shall be done nor shall any improvement be made on the said Chippewa River under or in pursuance of this act, or the appropriation hereby made, which shall directly or indirectly prevent, interfere with, or obstruct the free navigation of the said river, as heretofore, by steamboats or other water-craft, or the free use thereof, as heretofore, for the floating, guiding, or sheering of loose logs or rafts of lumber or logs upon or down the same, or which shall directly or indirectly prevent, obstruct, or interfere with the use of any slough, arm, or branch of said river, as heretofore, for the holding, assorting or rafting of logs therein. Chippewa River. *Proviso.*

Improving Fox and Wisconsin Rivers, Wisconsin: Continuing improvement, two hundred thousand dollars: *Provided*, That the Secretary of War shall, without delay, cause the channel of the Lower Fox River between Lake Fox and Wisconsin Rivers. *Proviso.*

Winnebago and the upper Government dam at Appleton to be restored to its natural width and capacity, and shall cause such changes and alterations to be made in the dams at Menasha and Appleton, not inconsistent with security to navigation, as may be necessary to reduce to and maintain the waters of Lake Winnebago and Little Buttes des Mortes, respectively, at their natural height; and a sufficient amount of said sum appropriated is made immediately available. And three thousand dollars of this appropriation, or so much thereof as may be necessary, may be expended above Portage City, to prevent the overflow of the Wisconsin River into the Upper Fox River, so as to prevent injury to the government works on Fox River; and this expenditure may be made separately, or, if deemed more economical by the Secretary of War, in adding to any protecting works which may be made by the State of Wisconsin.

Saint Croix River. Improving Saint Croix River below Taylor Falls, Minnesota and Wisconsin: Continuing improvement thirty thousand dollars.

Wabash River. Improving Wabash River, Indiana and Illinois: Continuing improvement below Vincennes, forty thousand dollars; continuing improvement between Vincennes and Lafayette, thirty thousand dollars.

White River. Improving White River, Indiana: Continuing improvement from Wabash River to Portersville, and to falls on West Fork, twenty thousand dollars.

Illinois River. Improving Illinois River, Illinois: Continuing improvement, one hundred and seventy-five thousand dollars.

Reservoirs at headwaters of Mississippi River. Reservoirs at headwaters of Mississippi River: Continuing operations, three hundred thousand dollars; and this sum shall be expended at such places on said headwaters of the Mississippi River and its tributaries as the Secretary of War shall determine: *Provided*, That the Secretary of War be, and he is hereby authorized and empowered to enter upon, purchase, take, and hold any lands or premises, and any materials of stone, timber, or other kinds, that may be necessary and proper for the construction of said works. And in case the owner of such lands, premises, and materials and the Secretary of War can not agree as to the value of the lands, premises, and materials taken or to be taken for said use, then the value thereof shall be determined by the appraisal of three disinterested commissioners who may be appointed upon application by either party to the judge of the United States district court for the district in which such land, premises, or materials may be situate; and said commissioners, in their assessment of damages, shall appraise such lands, premises, and materials at what would have been the value thereof, if said works had not been constructed; and upon return into said United States district court of such appraisment, and upon the payment into the same of the estimated value of said land, premises, and materials so taken and appraised as aforesaid, said land, premises, and materials shall be deemed to be, and shall become, the property of the United States, which shall thereby acquire full title to the same.

Proviso.

And either party feeling aggrieved at said appraisement may, within thirty days after the same has been returned into said court, file an appeal therefrom and demand a trial by jury in said court to estimate and ascertain the damages sustained: *Provided further*, That the money hereby appropriated shall be used solely for the improvement of the navigation of the Mississippi River and its tributaries, and no part thereof shall be expended with the view to the improvement of private property. And the Secretary of the Interior is hereby authorized and directed to ascertain what, if any, injury is occasioned to the rights of any friendly Indians occupying any Indian reservation by the construction of any of the said dams, or the cutting or removing of trees or other materials from any such reservation for the construction or erection of any of said dams, and to determine the amount of damages payable to such Indians therefor; and all such damages to private property and to friendly Indians, when ascertained and determined in the manner herein directed and provided, shall be paid by the United States: *Provided, however*, That such damages shall not exceed ten per centum of the sums hereby appropriated for the construction of said reservoirs.

Proviso.

Proviso.

Improving Upper Mississippi River: Operating snag-boat, twenty-five thousand dollars.

Upper Mississippi River.

Improving Mississippi River above Falls of Saint Anthony, Minnesota: Continuing improvement, ten thousand dollars.

Mississippi River above Falls of Saint Anthony.

Improving Mississippi River from Saint Paul to Des Moines Rapids, Minnesota, Iowa, Missouri, Illinois, and Wisconsin: Continuing improvement, two hundred and fifty thousand dollars, of which sum fifteen thousand dollars shall be expended in improving the channel and banks of the river on the west side thereof at Saint Paul.

That the sum of thirty thousand dollars, or so much thereof as may be necessary, be, and the same is hereby, appropriated for the construction of a dry dock at the Des Moines Rapids Canal, on the Mississippi River, at such site as may be selected thereon by the Secretary of War; said dry dock to be used for the construction, examination, repairing, and use of boats, dredges, barges, scows, and other vessels of the United States, and the construction, examination, and repair of vessels for private parties, under such regulations and for such compensation as may, from time to time, be fixed and regulated by the Secretary of War; this appropriation to be expended under the direction of the Secretary of War.

Construction of dry dock at Des Moines Rapids Canal.

That whenever the government shall not further use the old lock of the Sault Sainte Marie Canal it shall be converted into a dry dock for the repair of government dredges, revenue cutters, and other craft belonging to the government, and for other craft belonging to private persons, on such terms as the Secretary of War shall prescribe; and for the expense of such construction the amount of sixty-five thousand dollars, balance of tolls in the possession of the State of Michigan, and offered to the United States for this purpose, be accepted by the United States.

Old lock of Sault Sainte Marie Canal converted into dry dock, etc.

Des Moines Rapids.

Improving Des Moines Rapids, Mississippi River, Iowa. and Illinois: Continuing improvement, thirty thousand dollars.

South Pass, Mississippi River.

Examinations and surveys at South Pass, Mississippi River: To ascertain the depth of water and width of channel secured and maintained from time to time by James B. Eads at South Pass of the Mississippi River, and to enable the Secretary of War to report during the maintenance of the work, ten thousand dollars.

Gauging waters of Lower Mississippi and Columbia Rivers.

Gauging waters of Lower Mississippi and its tributaries, and the Columbia River, Oregon: Annual expense of gauging the waters of the Mississippi River and its tributaries, continuing observations of the rise and fall of the river and its chief tributaries, as required by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand five hundred dollars, of which sum five hundred dollars for annual expense of gauging the waters of the Columbia River from Astoria to the bar.

Mississippi, Missouri, and Arkansas Rivers.

Improving Mississippi, Missouri, and Arkansas Rivers: Continuing removal of snags, wrecks, and other obstructions from the Mississippi River, eighty-five thousand dollars; from the Missouri River, sixty-five thousand dollars; from the Arkansas River, thirty-five thousand dollars.

Cuivre River.

Improving Cuivre River, Missouri: Continuing improvement from mouth to Chain of Rocks, and removing snags and other obstructions, five thousand dollars.

Gasconade River.

Improving Gasconade River, Missouri: Continuing improvement, ten thousand dollars.

Missouri River.

Improving Missouri River from its mouth to Sioux City, Iowa, including such harbors on said river now in the course of improvement as in the judgment of the Chief of Engineers will benefit commerce and navigation, eight hundred and fifty thousand dollars.

Improving Missouri River from Sioux City to Fort Benton, one hundred thousand dollars.

Survey of Missouri River from its mouth to Fort Benton, Montana: Continuing the survey forty thousand dollars

Yellowstone River.

Improving Yellowstone River, Montana and Dakota: Continuing improvement, twenty thousand dollars.

Red River of the North.

Improving Red River of the North, Minnesota and Dakota: Continuing improvement, ten thousand dollars.

Goose Rapids.

Constructing dam at Goose Rapids, Red River of the North, Minnesota and Dakota: Continuing construction of lock and dam, thirty thousand dollars.

Saint Anthony's Falls.

Improving Saint Anthony's Falls, Minnesota: Continuing improvement, twenty-five thousand dollars.

Petaluma Creek.

Improving Petaluma Creek, California: Completing improvement, fourteen thousand dollars.

Sacramento River.

Improving Sacramento River, California: For the improvement and protection of the navigable channels of the Sacramento and Feather Rivers, to be expended under the direction of the Secretary of War, two hundred and fifty thousand dollars.

San Joaquin River.

Improving San Joaquin River and Mormon Slough, California: Continuing improvement, forty thousand dollars.

Constructing canal around Cascades of Columbia River, Oregon: Continuing construction two hundred and sixty-five thousand dollars. Canal around Cascades of Columbia River.

Improving Upper Columbia River, Oregon: Continuing improvement of Upper Columbia River, including Snake River, six thousand dollars. Upper Columbia River.

Improving Lower Willamette and Columbia Rivers, Oregon: Continuing improvement from Portland, Oregon, to the sea, including bar at mouth of Columbia River, one hundred thousand dollars. Lower Willamette.

Improving Upper Willamette River, Oregon: Continuing improvement of Upper Willamette, including Yamhill River, five thousand dollars. Upper Willamette River.

Improving Lower Clearwater River, Idaho: Continuing improvement five thousand dollars. Lower Clearwater River.

Improving Cowlitz River, Washington Territory: Continuing improvement, one thousand dollars. Cowlitz River.

Improving Skagit, Stielaquamish, Nooksack, Snohomish, and Snoqualmie Rivers, Washington Territory: To build, equip, and operate snag-boat for one year, twenty thousand dollars. Snag-boat—Skagit, Stielaquamish, Nooksack, and Snoqualmie Rivers.

Improving mouth of Coquille River, Oregon: Extension of jetty already commenced, ten thousand dollars, of which sum two thousand dollars for removing snags in upper river, at discretion of Secretary of War. Coquille River.

Examinations, surveys, and contingencies of rivers and harbors: Examinations and surveys, and for contingencies, and for incidental repairs of harbors for which there is no special appropriation, one hundred and fifty thousand dollars, of which sum fifty thousand dollars for surveys and one hundred thousand dollars for contingencies, including incidental repairs of harbors. Examinations and surveys.

For expenses of a board of engineers to examine in detail the mouth of the Columbia River, Oregon, and report such plan, with estimates, for its permanent improvement, as they approve, the said board being required to report before the next session of the present Congress, seven thousand five hundred dollars. Board of Engineers to examine mouth of Columbia River, etc.

Improving Susquehanna River above and below Havre de Grace, Maryland, twenty-five thousand dollars, of which sum seven thousand five hundred dollars shall be expended above the bridge, and five thousand dollars for the completion of the channel to the Fishing Battery Light-House and for strengthening and extending the piers and breakwater for the protection of said channel. Susquehanna River.

Improving Elk River, Maryland: Continuing improvement, six thousand five hundred dollars. Elk River.

Improving Malden River, Massachusetts, ten thousand dollars. Malden River.

Constructing harbors of refuge on Lake Pepin, twenty thousand dollars, of which sum ten thousand dollars at Stockholm, Wisconsin, and ten thousand dollars at Lake City, Minnesota. Harbors of refuge on Lake Pepin.

Improving harbor at New Buffalo, Michigan, five thousand dollars. New Buffalo Harbor.

Improving Appomattox River, Virginia, thirty-five thousand dollars. Appomattox River.

Ice-harbor at Dubuque. Construction of ice-harbor at Dubuque, Iowa, twenty thousand dollars.

Chippewa River. Improving Chippewa River at Yellow Banks, thirty thousand dollars.

Cocheco River. Improving Cocheco River, New Hampshire; completing improvement, twenty-eight thousand dollars.

Frankford Creek. Improving Frankford Creek, Pennsylvania, ten thousand dollars.

Pensaukee Harbor. Improving Pensaukee Harbor, Wisconsin, ten thousand dollars.

Royal River. Improving Royal River, Maine, ten thousand dollars

Mamaroneck Harbor. Improving Mamaroneck Harbor, New York, fifteen thousand dollars.

Sackett's Harbor. Improving Sackett's Harbor, New York, seven thousand dollars

Corsica Creek. Improving Corsica Creek, Maryland, five thousand dollars.

Romley Marsh. Improvement of Romley Marsh, Georgia, by route designated in the survey of engineers as route numbered four, ten thousand dollars.

Grass River. Improving Grass River at Massena, New York, three thousand dollars.

Edisto River. Improving Edisto River, South Carolina, eight thousand dollars.

Georgetown Harbor. Improving Georgetown Harbor, South Carolina, seven thousand dollars.

Cahaba River. Improving Cahaba River, Alabama, twenty thousand dollars.

Salkahatchie River. Improving Salkahatchie River, South Carolina, five thousand dollars.

Tallapoosa River. Improving Tallapoosa River, Alabama, fifteen thousand dollars.

Key West Harbor. Improving Key West Harbor, Florida, especially the northwest channel, twenty-five thousand dollars.

Manatee River. Improving Manatee River, Florida, twelve thousand dollars.

Caloosahatchee River. Improving Caloosahatchee River, Florida, five thousand dollars.

Lynn Harbor. Improving Lynn Harbor, Massachusetts, sixty thousand dollars.

Little Tennessee River. Improving Little Tennessee River, Tennessee, five thousand dollars.

White River. Improving White River above Buffalo Shoals, Arkansas, four thousand dollars.

Chehalis River. Improving Chehalis River, Washington Territory, three thousand dollars.

Greenport Harbor. Improving Greenport Harbor, New York, ten thousand dollars.

Hay Lake Channel of Sault Sainte Marie River. Improving Hay Lake Channel of the Sault Sainte Marie River, via the Middle Neebish, two hundred thousand dollars, of which amount the sum of ten thousand dollars may be expended in improving the East Neebish channel.

Keyport Harbor. Improving Keyport Harbor, New Jersey, from the Keyport Steamboat Company's Wharf to Raritan Bay Channel, thirty thousand four hundred and seventy-five dollars.

Maurice River. Improving Maurice River, New Jersey, three thousand dollars.

Improving Mantua Creek, New Jersey, three thousand dollars. Mantua Creek.

Improving Woodbury Creek, New Jersey, five thousand dollars. Woodbury Creek.

Improving Racoon River, New Jersey, three thousand dollars. Racoon River.

Improving North Branch of Susquehanna River, Pennsylvania, fifteen thousand dollars. North Branch Susquehanna River.

Improving Clinton Harbor, Connecticut, three thousand dollars. Clinton Harbor.

Improving South Forked Deer River, Tennessee, three thousand dollars. South Forked Deer River.

Improving Old Town Creek, Mississippi, three thousand dollars. Old Town Creek.

Improving Monongahela River, West Virginia: Continuing improvement, twenty-five thousand dollars. Monongahela River.

For continuing the practical test of the flume invented by M. J. Adams, the said test to be made under the supervision and direction of said Adams, eight thousand dollars. Adams' flume.

That the Secretary of War be, and he is hereby, authorized and directed to survey and locate a canal from a point on the Illinois River at or near the town of Hennepin, by the most practicable and convenient route, to the Mississippi River at or above the city of Rock Island, with a branch canal or feeder from the most practicable and convenient point on Rock River to the most practicable and convenient point on the main line of said canal. Said canal and said branch shall not be less than seventy feet wide at the water-line, and not less than seven feet in depth of water, with locks not less than one hundred and fifty feet in length and twenty-one feet in width, and with a capacity for vessels of at least two hundred and eighty tons burden; and for that purpose the Secretary of War shall have power and authority, by engineers and agents employed by him, to enter upon any lands for the purpose of making the necessary preliminary examinations and surveys; and the cost of construction, the annual cost of maintenance, and economy of use of said canal, when completed, shall be estimated and accompany the said surveys; and the Secretary of War shall cause to be made by skillful engineers of the Army a survey of the Illinois and Michigan Canal connecting the Illinois River with Lake Michigan at Chicago, and estimates of the cost of enlarging the same so as to correspond in dimensions with the proposed canal between Hennepin and the Mississippi River, and to report to the next session of Congress the cost of enlarging said canal, and the construction of the canal between Hennepin and the Mississippi River and the right of way therefor; and for the purposes of this paragraph the sum of thirty thousand dollars, or so much thereof as may be necessary, is hereby appropriated. *Provided* that nothing herein shall be construed to commit the Government to proceed with the construction of the said improvement

Survey and location of canal from near Hennepin, Ill., on Illinois River, to Mississippi River at Rock Island, with branch feeder, etc.

Survey of Illinois and Michigan Canal for purpose of enlarging, etc.

Proviso.

Improving Mississippi River: That the sum of four million one hundred and twenty-three thousand dollars be, and is hereby, appropriated, or so much thereof as may be neces- Mississippi River, from head of the Passes to Cairo, etc.

sary out of any money in the Treasury not otherwise appropriated, for the improvement of the Mississippi River from the Head of the Passes to Cairo including the harbors of New Orleans, Natchez, Vicksburgh, Memphis, a lock at the mouth of Bayou, Plaquemine, Louisiana, and the rectification of the Red and the Atchafalaya Rivers at the mouth of Red River; six hundred thousand dollars from Cairo to the Illinois River including Alton Harbor on which a sum not exceeding thirty-five thousand dollars shall be expended; and two hundred thousand dollars from the Illinois River to the Des Moines Rapids, including a stone and brush revetment at or near Quincy; which said sum shall be expended by the Secretary of War in accordance with the plans, specifications, estimates, and recommendations of the Mississippi River Commission created by the act approved June twenty-eighth, eighteen hundred and seventy-nine, or according to such plans, specifications, and estimates of the Engineer Department of the Army which, having been approved by the Secretary of War, may be adopted by the said Mississippi River Commission for such parts of the said river as the said commission may not have completed the survey of: *Provided*, That no portion of this appropriation shall be expended to repair or build levees for the purpose of reclaiming lands or preventing injury to lands by overflows: *Provided, however*, That the commission is authorized to repair and build levees if in their judgment it should be done as a part of their plan to afford ease and safety to the navigation and commerce of the river and to deepen the channel: *Provided*, That the Secretary of War shall prescribe such rules and regulations as may be necessary to secure a judicious and economical expenditure of said sums, and shall cause to be made and submitted to Congress annual reports, on or before January first, giving detailed statements of the work done, the expenditures made, and the effect of such work, together with such recommendations as he may deem it proper to lay before Congress. It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements, other than surveys and estimates, in carrying on the various works, as far as can be without actual detriment to the interest of the Government, by contract. Where such works cannot be done by contract without injury to the public interest, they may be prosecuted by hired labor. Where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution of the work according to such contract, and for the proper payment of all liabilities incurred in the prosecution therefor for labor and material.

21 Stat., 37.

Provisos.

Levees.

Manner of making improvements.

Proposals.

Contracts to be made after advertisement.

Lowest bidder.

That whatever balance there may be on hand for the improvement of the mouth of Red River shall be expended by the Secretary of War according to the plans and recommendations of the Mississippi River Commission; and they are

Balance for improvement of mouth of Red River to be expended, etc.

hereby authorized to expend so much of said balance as may be necessary in purchasing or constructing a dredge boat or boats, and in maintaining a navigable channel through the mouth of the Red River into the Mississippi River.

That the power and authority granted to the Secretary of War under and by virtue of section four of the act of Congress approved June fourteenth, eighteen hundred and eighty, relating to wrecks and sunken vessels be, and the same are hereby, enlarged so that the Secretary of War may, in his discretion, sell and dispose of any such sunken craft, vessel, or cargo, or property therein, before the raising or removal thereof, according to the same regulations that are in the said act prescribed for the sale of the same after the removal thereof; and all laws and parts of laws inconsistent herewith are hereby repealed.

21 Stat., 197.

Wrecks and sunken vessels may be sold before raising or removal.

That no tolls or operating charges whatsoever shall be levied or collected upon any vessel boats, dredges, craft, or other water-craft passing through any canal or other work for the improvement of navigation belonging to the United States.

Tolls.

That authority is hereby given to the Secretary of War to expend the money appropriated by the act approved March third, eighteen hundred and seventy-nine, in the construction of a harbor of refuge at Port Orford, on the Pacific coast, if in his opinion it be deemed judicious to do so.

Harbor of refuge, Port Orford, Oregon.

That the Secretary of War is hereby authorized and directed to settle the claims of Charles McCafferty and D. and C. P. Dull, contractors for locks numbered four and five on the Great Kanawha River, under contracts made in eighteen hundred and seventy-four, and eighteen hundred and seventy-five, and subsequently for work done by reason of changes in the contracts and for losses caused by such changes, and by extra work and other losses incurred from such and other causes beyond their control, and report what amount, if any, he finds to be due to said contractors at the next session of Congress.

Charles McCafferty, D. Dull, C. P. Dull; claims of, to be settled, etc.

That the unexpended sums heretofore appropriated for an ice-harbor at Saint Louis, Missouri, be, and the same are hereby transferred and appropriated, to be expended under the direction of the Secretary of War, for the improvement of the channel of the Mississippi River opposite the city of Saint Louis, Missouri, by repairing and raising the present low dam across the channel east of Arsenal Island, known as Cahokia Chute, and by the construction of such other works in or near said Cahokia Chute as may be deemed advisable to accomplish the same purpose.

Appropriation for ice-harbor at Saint Louis transferred and expended for improving channel of Mississippi River opposite Saint Louis.

Cahokia Chute.

That the Secretary of War be, and he is hereby, directed to ascertain and report to the next Congress upon what terms the franchise and property of the Little Kanawha Navigation Company, in West Virginia, can be obtained and conveyed to the United States.

Secretary of War to ascertain and report as to purchase of franchise, etc., of Little Kanawha Navigation Company.

That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, and estimates of cost of improvements proper to be made, at the following points, namely:

Examinations and surveys.

Examinations and surveys—continued.

Youghiogheny River from McKeesport to Connellsville, Pennsylvania.

Red River from its mouth to Fulton.

Little River and Saline, Arkansas.

Alameda Creek, Alameda County, California.

Norwalk Harbor, Connecticut.

Harbor at Cedar Keys, Florida.

Connecticut River from Bellows Falls, Vermont, to Pittsburgh, New Hampshire.

Newton Creek, Camden County, New Jersey.

Pensaukin Creek, Camden and Burlington Counties, New Jersey.

Milford Haven (an estuary), Virginia.

Quantico Creek, Virginia.

Piankatank River, Virginia.

Sangamon River, Illinois, from its mouth to Petersburgh.

Shoal between Dauphin Island and Cedar Point, Alabama.

Gowanus Creek at Brooklyn, New York.

Yallabusha River above Grenada, Mississippi.

Loosacoona River, a tributary of the Yallabusha, Mississippi.

The channel known as the Old River Bed, leading from Cuyahoga River to the harbor of refuge now under construction at Cleveland, Ohio.

Atchafalaya River between Berwick's Bay and the Gulf of Mexico; and, if made, to be accompanied with a report showing the cost of deepening the channel of said river.

The channel of the Saint John's River at its entrance into and exit out of Lake Monroe, and between Lake George and Lake Monroe, for straightening and improving the navigation of said river between the said laks

Wetipkin Creek, Maryland.

Passaic River between Passaic and Paterson, New Jersey.

Minnesota River near the village of Belle Plain, with a view to prevent the washing away of the banks of said river opposite said village.

Androscoggin River below Brunswick, Maine.

Penobscot River and Bangor Harbor, Maine.

Resurvey of the breakwater at the mouth of Saco River, Maine.

Ohio River at Rochester and Freedom, Pennsylvania, for ice-breakers.

Delaware River above Philadelphia.

Delaware River in front of Philadelphia, by removal of Windmill on Smith's Island, or the bar above the same.

Madison Harbor, in the State of Connecticut.

Duck Island Harbor, in the State of Connecticut, with a view to the construction of a short breakwater for a harbor of refuge.

Harbor at Caseville, Michigan.

Harbor at Cross Village, Michigan

Santa Monica Bay, California.

Boston Harbor, Massachusetts, and especially Fore Point Channel and the channel leading to the wharves of the New York and New England Railroad.

Examinations and surveys—continued.

Sandy Bay, Rockport, Massachusetts, with a view to the construction of a breakwater for a harbor of refuge.

Pawtucket River, Rhode Island

Black Rock Harbor, Connecticut.

Pawtuxet Harbor, Rhode Island.

Bissell's Cove, Rhode Island.

Redwood Slough, San Mateo County, California

White River, Arkansas, at the Memphis and Little Rock Railroad Bridge, near Duvall's Bluff, with a view of removing obstructions from the channel.

North Branch of the Susquehanna River from Pittston to Athens.

The sound between Beaufort and New River, and White Oak River to Smith's Mills, North Carolina.

For a channel inside the shoals along the coast of Florida, from Cedar Keys to Clear Water Harbor and Tampa, Florida.

The headland in the town of Hull, at the entrance to Boston Harbor, Massachusetts, being the northerly side of Telegraph Hill, south of Quarter Ledge, with a view to its protection by sea-wall or otherwise

Ice-harbor at Middleport, Meigs County, Ohio.

Clear Lake, Lake County, California

Sulphur River, Texas, from its mouth to Sulphur Station.

Pearl River, Mississippi, above Carthage

Stamford Harbor and Westport Harbor, Connecticut

Edenton Bay, North Carolina

Ipswich River and Sandy Bay, at the end of Cape Ann, Massachusetts.

Water-route to connect the Calcasieu River with Sabine Pass.

Illinois and Des Plaines River between La Salle and Joliet, in Illinois.

Shoal Harbor and Compton's Creek, New Jersey.

Stoneybrook Harbor, Suffolk County, New York.

Pocomoke River, Maryland, with a view to a cut-off in the bend just below Snow Hill

D'Arbonne River, Bayou Roundaway, and Bayou Vidal, Louisiana

Peekskill Harbor, on the Hudson River, New York.

Cumberland River and its principal tributaries above Pineville, Kentucky.

Extending the survey of the Louisa Fork of the Big Sandy River to Grundy Court-House, Virginia.

Minisceongo Creek at its outlet into the Hudson River, New York.

Saugerties Harbor on Hudson River, New York.

Branford Harbor, Connecticut

North River in front of Jersey City and Hoboken, to determine what is necessary to permanently deepen the channel on the New Jersey side

To open a passage between the north end of Indian River and Mosquito Lagoon, Florida.

Champlain River, Clinton County, New York, from the lake up to Champlain Town

For breakwater at Rouse's Point, on Lake Champlain, New York.

Examinations and surveys—continued.

Ouachita River from Camden to Arkadelphia, Arkansas.

Big Bayou Metre, Arkansas, from its mouth up.

The Lewis, Humptulup, and Dawamish Rivers, Washington Territory.

Sêbewaing Harbor, Michigan, resurvey, to obtain twelve feet of water in channel from Saginaw Bay.

Harbor at Ludington, Michigan, with a view to examination by a board of engineers and report of a plan, and expense of same, for making a harbor of refuge.

Wisconsin River from Portage to Merrill.

The lakes near the headwaters of the Cannon River in Rice and Le Sueur Counties, Minnesota, with a view to adding the same to the reservoir system of the Mississippi River and its tributaries.

Southold Harbor, Suffolk County, New York

Channel-way of Peconic River entering Peconic Bay, and channel-way from Riverhead to Great Peconic Bay, Suffolk County, New York.

Channel from Pearsall's Dock to Flat Creek, in Hempstead Bay, Queens County, New York.

The source of the Minnesota River, near the foot of Big Stone Lake, with a view of its being added to the reservoir system of the Mississippi River and its tributaries.

Natalbany River, Louisiana.

Iowa River from Wapello to its mouth.

Delaware River between Trenton, New Jersey, and Port ervis, New York.

Leipsic River, Delaware, from the Delaware River to the town of Leipsic.

Waccamaw River between Conwayborough, South Carolina, and Waccamaw Lake, North Carolina.

Broad River from Rutherfordton, North Carolina, to South Carolina line.

Tionesta Creek, Pennsylvania.

Harbors of Port Henry and Port Marshall, on Lake Champlain, New York.

Boquet River, New York.

Harbor of Cedar Keys, Florida, especially the northwest channel.

Saint Mark's River, Florida.

Isle of Wight and Upper Synepuxent Bay, Maryland and Indian River, Delaware, with the intervening land, with a view to connect their waters.

Monokin River from its mouth to Princess Anne.

Wicomico River from its mouth to Salisbury.

From Deal to Seabright, on the New Jersey coast, with a view to build a breakwater to pretect the shore and harbor at Long Branch.

The shoal between Dauphin Island and Cedar Point, Alabama, with a with a view of ascertaining the most practicable point for making a channel through the same of sufficient depth and width to afford a good and safe passage for steamboats and other vessels in the trade between the waters of Mobile Bay and other places on the Gulf of Mexico.

Newtown Creek from its mouth to Metropolitan avenue in Brooklyn, New York.

Examinations and surveys—continued.

Ouachita River from its mouth to Camden, Arkansas.

Clubfoot, Harlow, and Newport Rivers, North Carolina, on line of inland navigation to Beaufort Harbor.

The harbors of Monroe and Trenton, Louisiana, on the Ouachita River, with a view to prevent the caving of banks.

Mouth of Lake Palmyra where it enters the Mississippi River.

Bayou La Fourche, Louisiana.

Alligator River, North Carolina.

Black River, North Carolina.

Sound between Morehead City, in Carteret County, North Carolina.

Town Creek, Beaufort County, North Carolina.

Pungoteague Creek, from Bogg's Wharf to the Warehouse, Accomack County, Virginia.

Bay River, North Carolina

Hull's Creek, Northumberland County, Virginia.

Hunting Creek, Accomack County, Virginia.

Great Wicomico from Cedar Point to Indian Point, Northumberland County, Virginia.

Cape Fear River above Fayetteville, North Carolina.

Piscataway Creek, Essex County, Virginia.

Cherrystone Creek, Virginia.

Roanoke River, North Carolina

Calumet River, Illinois and Indiana

The stone formation in the Kankakee River at Momence, Illinois; and if made, to be accompanied by an estimate of the cost of removing the same.

That the Secretary of War shall cause to be made a survey and estimate of the cost of excavating a channel through the Grand and Little Chains in the Ohio River sufficient to pass boats and give a depth of six feet at low water

Piscataway Creek, Prince George's County, Maryland.

Chicamuxen Creek, Charles County, Maryland.

Port Tobacco Creek, Charles County, Maryland.

Dividing Creek, Talbot County, Maryland.

Taggart's Valley River, West Virginia, above Grafton to the Three Forks of Buckhannon, and furnish an estimate of the cost of removing the obstructions in the Buckhannon River from the town of Buckhannon to the Three Forks of said river.

Pecatonica River, from Argyle to Wayne, La Fayette County, Wisconsin.

For the extension and completion of the breakwater, near the third, in Portsmouth Harbor, New Hampshire, connecting Goat Island and New Castle

At and near the mouth of the Great Bay, so-called, with a view to increasing the depth of the flow of water and improvement of the navigation of the Piscataqua River and its tributaries.

Steele's Bayou, in Mississippi, from its mouth to Swan Lake, in Washington County.

The Yazoo Pass, including examination and estimate as to cost and feasibility of putting a lock so as to connect the Pass with the Mississippi River.

Examinations and surveys—continued.

Roebuck Lake, a tributary of the Yazoo River, in Le Flore County, Mississippi.

Survey of Black River from its mouth to Trinity, Louisiana, with a view of improving its navigation by shortening its channel by cut-off.

Red River, Louisiana, from the Atchafalaya to Fulton, Arkansas, including relieving the town of Alexandria from the encroachments of the river, removing snags from Cane River, and closing the outlet of the river known as "Sale and Murphy Canal."

Bayou Pierre, Louisiana, by removing raft therefrom.

Loggy Bayou, Lake Bisteneau, and the Dorcheat, Louisiana; Cane River, Louisiana; and Petit Anse Bayou, Louisiana.

To make such survey and report as to the cost of placing locks and dams on the Cumberland River from Nashville, Tennessee, to the Cincinnati Southern Railroad in Kentucky, as in the opinion of the Secretary of War is necessary to complete the examination and report of said river; said report to be—

First, as to the practicability of the work;

Second, its probable cost from Nashville to the Kentucky line.

Third, the cost from the Kentucky line to the Cincinnati Southern Railroad.

Fourth, the cost of locking and damming so as to improve Smith's Shoals.

The river Brandywine from its mouth to the Market street bridge in the city of Wilmington, Delaware.

That in every case where surveys are made, the report thereon shall embrace such information concerning the commercial importance, present and prospective, of the improvement contemplated thereby and such general commercial statistics as the Secretary of War may be able to procure: *Provided*, That no survey shall be made of any of the above harbors or rivers until the Chief of Engineers shall have directed a preliminary examination of the same by the local engineer in charge of the district, and then only when such local engineer shall have made such examination and shall have reported to said Chief of Engineers that in his judgment said harbor or river is worthy of improvement and that the work is a public necessity. For making such preliminary examinations a sum not exceeding ten thousand dollars may be used out of the amount appropriated for surveys: *Provided further*, That so much of said sum herein provided for surveys as may be necessary shall be used for continuation of the survey of the Arkansas River from Fort Gibson to Wichita, Kansas.

Preliminary examinations.

Appropriation.

Proviso.

Appropriations immediately available.

That all moneys hereby appropriated shall be immediately available.

J. WARREN KEIFER
Speaker of the House of Representatives.
DAVID DAVIS,
President of the Senate pro tempore.

IN THE HOUSE OF REPRESENTATIVES,
August 2, 1882.

The President of the United States having returned to the House of Representatives, in which it originated, the bill (H. R. 6242) "making appropriations for the construction, repair, and preservation of certain works on rivers and harbors, and for other purposes," with his objections thereto, the House of Representatives proceeded in conformity with the Constitution to reconsider the same and has,

Resolved, That the bill do pass, two-thirds of the House of Representatives agreeing to pass the same

Attest:

EWD. MCPHERSON,
Clerk.

IN THE SENATE OF THE UNITED STATES,
August 2, 1882.

The Senate having proceeded, in pursuance of the Constitution, to reconsider the bill entitled "An act making appropriations for the construction, repair, and preservation of certain works on rivers and harbors, and for other purposes," returned to the House of Representatives by the President of the United States, with his objections, and sent by the House of Representatives to the Senate with the message of the President returning the bill;

Resolved, That the bill do pass, two-thirds of the Senate agreeing to pass the same.

Attest:

F. E. SHOBER,
Acting Secretary.

CHAP. 433.—An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-three, and for other purposes.

August 7, 1882.
Vol. 22, p. 302.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated for the objects hereinafter expressed for the fiscal year ending June thirtieth, eighteen hundred and eighty-three, namely:

Appropriations. Sundry civil expenses.

* * * * *

For the Mississippi River Commission as follows;

Mississippi River Commission.

For salaries and traveling expenses of the Commission, office expenses, and reduction of work; for continuation of surveys and gaugings of the Mississippi River and its tributaries; for permanent gauge-stations and borings; and for publication of maps and results, one hundred and fifty thousand dollars; and an itemized statement of the expenditure of this sum shall be included with the annual report of the Commission to Congress.

Salaries, traveling expenses, etc.

Itemized statement of expenditures to be made to Congress.

* * * * *

Payment to Isaac A. Sylvester for damage to plant in Portsmouth Harbor, N. H.

And to pay to Isaac A. Sylvester, for the losses and damages sustained by him on account of the collision of the United States sloop of war Lancaster with the drill-platform and sloop Derry, at Gangway Rock, Portsmouth, New Hampshire, two thousand dollars in full satisfaction thereof.

* * * * *

Approved, August 7. 1882.

August 7, 1882.

Vol. 22, p. 734.

CHAP. 454.—An act for the relief of certain laborers employed upon Government works.

Payment to certain laborers upon Government improvements on Fox River, Wisconsin, etc.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War of the United States is hereby authorized and directed to pay to the laborers who worked upon the Government improvements upon the Fox River, in the State of Wisconsin, under or employed by Day, Call and Company (or subcontractors under them), late contractors with the Government in the improvement of the Lawer Fox River, in the State of Wisconsin the amount due each of such laborers, respectively, for work, labor, and services by them done and performed, respectively, upon and about said improvements as aforesaid, out of and from any moneys actually earned by said Day, Call and Company (or subcontractors under them) under their said contract with the Government, or for work done and materials furnished by said Day, Call and Company (or subcontractors under them), and which have not been paid for by the Government, and which may be withheld by the Government, from the said Day, Call and Company on their said contract as a forfeiture or otherwise. *Provided, however*, That if the amount thereof is not sufficient to pay in full the amount due to such laborers, respectively, then to pay said laborers pro rata. Such payments may be made after giving notice four weeks successively in some newspaper published in the county of Ontagamie, Wisconsin, for such laborers to present and prove their claims. *Provided further*, That such payments be made in the State of Wisconsin, by and through some engineer office of the United States designated by the Secretary of War: *And provided further*, That no money shall be paid by virtue of the authority of this act except out of such sum or sums as in the opinion of the Secretary of War may be lawfully withheld from the assignee in bankruptcy of said Day, Call and Company as a forfeiture under the terms and conditions of their said contract

Provisos.

Approved, August 7, 1882.

August 7, 1882.

Vol. 22, p. 737.

CHAP. 461.—An act for the relief of Major W. R. King.

W. R. King credit in accounts.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the accounting officers of the Treasury are hereby authorized to pass to the official credit of Major W. R. King, disburs-

ing officer for the Tennessee River improvement, the sum of three thousand nine hundred and seventy dollars, and eighteen cents, that being the unrecovered balance of five thousand two hundred and forty dollars and eighteen cents of public funds forcibly taken from A. G. Smith, receiver of materials, on Muscle Shoals Canal, in the State of Alabama, by William Ryan and two other armed robbers, on the eleventh day of March, eighteen hundred and eighty-one and for which sum the said W. R. King is accountable.

Approved, August 7, 1882.

CHAP. 141.—An act making appropriations to supply deficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-three, and for prior years, and for those certified as due by the accounting officers of the Treasury in accordance with section four of the act of June fourteenth, eighteen hundred and seventy-eight, heretofore paid from permanent appropriations, and for other purposes.

March 3, 1883.

Vol. 22, p. 582.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the objects hereinafter stated, namely:

Deficiency appropriations, 1883, for prior years, and under section 4, act of June 14, 1878.

To supply deficiencies in the appropriations for the fiscal year eighteen hundred and eighty-three, as follows:

1883.

* * * * *

To enable the Secretary of War to pay to J. C. Burdick eight hundred and twenty dollars, to E. M. Wadsworth eight hundred and twenty dollars, and to C. A. Peck eight hundred and twenty dollars, commissioners appointed under the authority of an act of Congress approved March third, eighteen hundred and seventy five, entitled "An act to aid in the improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin," for services in ascertaining and awarding the amount of damages by reason of the flowage of lands caused by the improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin.

J. C. Burdick, E. M. Wadsworth, C. A. Peck; payment to.

18 Stat., 506.

* * * * *

Approved, March 3, 1883.

CHAP. 143.—An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-four, and for other purposes.

Mar. 3, 1883.

Vol. 22, p. 603.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated for the objects hereinafter expressed for the fiscal year ending June thirtieth, eighteen hundred and eighty-four, namely:

Appropriations. Sundry civil expenses.

* * * * *

For the Mississippi River Commission, as follows:

Mississippi River Commission.

For salaries and traveling expenses, of the commission,

office expenses, and reduction of work; for continuation of surveys and gaugings of the Mississippi River and its tributaries, for permanent gauge stations and borings, and for publication of maps and results, one hundred and fifty thousand dollars; and an itemized statement of the expenditure of this sum shall be included with the annual report of the commission to Congress.

* * * * *

Approved, March 3, 1883.

Jan. 19, 1884.
Vol. 23, p. 1.

CHAP. 2.—An act making an appropriation for continuing the improvement of the Mississippi River.

Appropriation, continuing improvement of Mississippi River.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one million dollars be, and is hereby, appropriated or so much thereof as may be necessary, out of any money in the Treasury not otherwise appropriated, for the improvement of the Mississippi River, which said sum shall be expended, under the direction of the Secretary of War, in accordance with the plans, specifications, estimates, and recommendations of the Mississippi River Commission created by an act entitled "An act to provide for the appointment of a Mississippi River Commission for the improvement of said river from the Head of the Passes, near its mouth, to its head-waters," approved June twenty-eighth, eighteen hundred and seventy-nine: *Provided*, That the money hereby appropriated shall be used solely for the improvement of the navigation of the Mississippi River and no part thereof shall be expended with the view to the improvement of private property.

Proviso.

Approved, January 19, 1884.

Feb. 12, 1884.
Vol. 23, p. 267.

[9.] Joint resolution authorizing the Secretary of War to use rations for the relief of destitute persons in the district overflowed by the Ohio River and its tributaries and making an appropriation to relieve the sufferers by said overflow.

Relief of destitute persons in districts overflowed by Ohio River.

Appropriation.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of three hundred thousand dollars is hereby appropriated, or so much thereof as may be necessary, out of any money in the Treasury not otherwise appropriated, to be expended by and under the direction of the Secretary of War, in the purchase and distribution of subsistence stores, clothing and other necessary articles to such destitute persons as may require assistance in the district overflowed by the Ohio River and its tributaries, by the recent flood; and he is authorized to co-operate with the authorities of the several States and cities, of which such district is a part in making distribution of the same. And the Secretary of War, is also authorized, in his discretion, to use the hospital and other tents now possessed by the War Department, so far as may be necessary, to furnish temporary shelter to the destitute people who have

been driven from their homes by said overflow; and he is authorized, to use the steamers and other boats and vessels belonging to or now employed by the Government, upon the Ohio and Mississippi Rivers and their tributaries, in the transportation and distribution of the supplies furnished by the United States or individuals, to and among said destitute and suffering people, and he may employ such other means of transportation as he may deem necessary to carry the purpose of this joint resolution into effect.

Approved, February 12th, 1884.

[12.] Joint resolution making further appropriations for the relief of destitute persons in the districts overflowed by the Ohio River and its tributaries

Feb. 15, 1884.
Vol. 23, p. 268.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the further sum of two hundred thousand dollars or so much thereof as may be necessary be and the same is hereby appropriated out of any money in the Treasury not otherwise appropriated to be expended under the direction of the Secretary of War for the relief of such destitute persons as may require assistance in the districts overflowed by the Ohio River and its tributaries in the manner provided for in the joint resolution entitiled a "joint resolution authorizing the Secretary of War to issue rations for the relief of destitute persons in the district overflowed by the Ohio River and its tributaries, and making an appropriation to relieve the sufferers by said overflow," approved February, twelfth, eighteen hundred and eighty-four, and in further aid of the purposes contemplated by said joint resolution.

Relief of destitute persons in districts overflowed by Ohio River. Appropriation.

Approved, February 15, 1884.

CHAP. 11.—An act making appropriation to supply deficiency in amount required for expenditure to June thirtieth, eighteen hundred and eighty-four, for examination and surveys required by acts of March third, eighteen hundred and seventy-five, and June nineteenth, eighteen hundred and seventy-eight, to ascertain depth of water and width of channel of South Pass of Mississippi River, also for gauging the waters of the Mississippi River and its tributaries.

Mar. 12, 1884.
Vol. 23, p. 4.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be and the same are hereby appropriated out of any money in the Treasury not otherwise appropriated, to wit:

Deficiency appropriations, South Pass of the Mississippi River.

To supply deficiency in amount required for expenditure to June thirtieth, eighteen hundred and eighty-four, for examinations and surveys required by the acts of March third, eighteen hundred and seventy-five and June nineteenth, eighteen hundred and seventy-eight, to ascertain the depth of water and width of channel secured and maintained from time to time by James B. Eads at South Pass of the Mississippi River, and to enable the Secretary of War, to report to Congress during the maintenance of the work, six thousand dollars.

18 Stat., 465.
20 Stat., 169.

Gauging waters of the Mississippi River. 16 Stat., 598.

To supply deficiency in amount required for expenditure to June thirtieth, eighteen hundred and eighty-four, for gauging waters of lower Mississippi River and its tributaries: For annual expense of gauging the waters of the Mississippi River and its tributaries, continuing observations of the rise and fall of the river and its chief tributaries, as required by Joint Resolution of February twenty-first, eighteen hundred and seventy-one, two thousand one hundred dollars.

SEC. 2. That the moneys hereby appropriated shall be immediately available.

Approved, March 12, 1884.

Mar. 27, 1884. Vol. 23, p. 269.

[18.] Joint resolution reappropriating the sum of one hundred and twenty-five thousand dollars not expended for the relief of sufferers by the floods of the Mississippi River.

Appropriation for relief of sufferers from overflow of Ohio River transferred to persons suffering from overflow of Mississippi River.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That so much of the appropriation for the relief of sufferers by the overflow in the Ohio River and its tributuries as remains unexpended, not exceeding the sum of one hundred and twenty-five thousand dollars, may be used by the Secretary of War in the purchase and distribution of subsistence, stores, and payment for necessary transportation to aid in the relief of destitute persons in the district overflowed by the Mississippi River and its tributaries; and he is authorized to co-operate with the authorities of the several States of which such district is a part, in making distribution of supplies.

Approved, March 27th, 1884.

May 1, 1884. Vol. 23, p. 15.

CHAP. 37.—An act to provide for certain of the most urgent deficiencies in the appropriations for the service of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-four, and for other purposes.

Urgent deficiency appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums, or so much thereof as may be necessary, be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the objects hereinafter expressed, for the service of the fiscal year ending June thirtieth, eighteen hundred and eighty-four, and prior years, namely:

* * * *

Indian Office.

INDIAN OFFICE.

Temporary employees; payment of.

To enable the Secretary of the Interior to pay the employees temporarily employed and rendering service in the Indian Office from January first up to July first, eighteen

hundred and eighty-four, * * * and hereafter no Department or officer of the United States shall accept voluntary service for the Government or employ personal service in excess of that authorized by law except in cases of sudden emergency involving the loss of human life or the destruction of property.

Voluntary service for the Government, or employment of personal service other than that authorized by law, prohibited; exceptions.

* * * * *

Approved, May 1, 1884.

[32.] Joint resolution reappropriating an unexpended balance for the relief of the sufferers by the overflow of the Mississippi River and tributaries.

June 7, 1884.
Vol. 23, p. 273.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That so much of the appropriation for the relief of sufferers by the overflow in the Ohio River and its tributaries as remains unexpended may be used by the Secretary of War in the purchase and distribution of subsistence, stores, and payment for necessary transportation to aid in the relief of destitute persons in the district overflowed by the Mississippi River and its tributaries; and he is authorized to co-operate with the authorities of the several States, of which such district is a part, in making distribution of supplies.

Transfer of appropriation, etc., to sufferers from overflow of Mississippi River.

Approved, June 7, 1884.

CHAP. 78.—An act authorizing and empowering the Secretary of War to reconvey to Thomas Mulvihill certain lands erroneously conveyed by him to the United States.

June 11, 1884.
Vol. 23, p. 531.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War, acting for and on behalf of the United States of America, be, and he is hereby, authorized and empowered to reconvey to Thomas Mulvihill, by deed of conveyance duly executed, all the right, title, and interest of the United States of America in and to such part or portion of the lot of land as was erroneously conveyed to the United States of America by said Thomas Mulvihill by deed dated October twentieth, anno Domini eighteen hundred and seventy-seven, and as recommended in a message from the President of the United States to Congress bearing date the thirteenth day of December, anno Domini eighteen hundred and eighty-three.

Thomas Mulvihill. Relief of.

Approved, June 11, 1884.

[39.] Joint resolution authorizing the Secretary of War to lease certain lands to the board of fish commissioners of the State of Michigan.

June 26, 1884.
Vol. 23, p. 275.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War is directed and hereby duly authorized to lease to the State board of fish commissioners of the State

State board of fish commissioners of Michigan; lease of certain lands to.

of Michigan the parcel or strip of land lying north of and adjoining the Saint Mary's Falls Ship Canal, and between said canal and the rapids of the Saint Mary's River, in the county of Chipewa and State of Michigan, including such portion of the lands reserved for the use of the canal as are not now needed for canal purposes, upon condition that the premises so leased are to be used solely by said commissioners for the culture and propagation of food-fishes and the residence of the employees of the commission, and that the use of said premises by them shall in no way interfere with the use of the same lands for canal purposes whenever required by the United States Government. The Secretary of War is requested to cause the removal of all persons now occupying any part of the said premises on or before July first, anno Domini eighteen hundred and eighty four. The lease to said commissioners shall be rent free, and the buildings to be erected by said commissioners shall be first approved by the engineer officer in charge of the canal.

Approved, June 26, 1884.

July 5, 1884.
Vol. 23, p. 133.

CHAP. 229.—An act making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes.

River and harbor appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums of money be, and are hereby appropriated, to be paid out of any money in the Treasury not otherwise appropriated, and to be expended under the direction of the Secretary of War, for the construction, completion, repair, and preservation of the public works hereinafter named:

Portland.

Improving harbor at Portland, Maine: Continuing improvement, thirty thousand dollars.

Bangor.

Improving harbor at Bangor and Penobscot River, Maine: Continuing improvement, twenty thousand dollars.

Rockland.

Improving harbor at Rockland, Maine: Continuing improvement, forty thousand dollars.

Breakwater, Saco River.

Improving breakwater at the mouth of Saco River, Maine: Continuing improvement and repairs, fifteen thousand dollars.

Portsmouth.

Improving harbor at Portsmouth, New Hampshire: Continuing improvement, twenty thousand dollars.

Burlington.

Improving harbor at Burlington, Vermont: Continuing improvement, twenty-five thousand dollars; for repairs, twenty-five thousand dollars.

Boston.

Improving harbor at Boston, Massachusetts: Continuing improvement, five thousand dollars.

Nantucket.

Improving harbor at Nantucket, Massachusetts: Continuing improvement, ten thousand dollars.

Newburyport.

Improving harbor at Newburyport, Massachusetts: Continuing improvement, forty thousand dollars.

Scituate.

Improving harbor at Scituate, Massachusetts: Continuing improvement, ten thousand dollars.

Improving harbor at Plymouth, Massachusetts: Continuing improvement, ten thousand dollars. Plymouth.

Improving harbor at Provincetown, Massachusetts; Continuing improvement, two thousand dollars. Provincetown.

Improving harbor at Wood's Holl, Massachusetts: Continuing improvement, twenty-five thousand dollars. Wood's Holl.

Improving harbor at Wareham, Massachusetts: Continuing improvement, ten thousand dollars. Wareham.

Constructing a national harbor of refuge of the first class at Sandy Bay, Cape Ann, Massachusetts, one hundred thousand dollars: *Provided*, That a board of three engineers, to be appointed by the Secretary of War, shall decide that this point is the best location on the coast between Boston and Portland for such a harbor that shall serve all the uses for which it may be needed. National harbor of refuge, Sandy Bay, Cape Ann; construction of, authorized. *Proviso.*

Improving breakwater at Block Island, Rhode Island: Continuing improvement, fifteen thousand dollars. Breakwater, Block Island.

Improving harbor at Newport, Rhode Island: Continuing improvement, twenty thousand dollars. Newport.

Improving harbor at Bridgeport, Connecticut: Continuing improvement, five thousand dollars. Bridgeport.

Improving breakwater at New Haven, Connecticut: Continuing improvement, forty thousand dollars. Breakwater, New Haven.

Improving harbor at New Haven, Connecticut: Continuing improvement, ten thousand dollars. New Haven Harbor.

Improving harbor at New London, Connecticut: Continuing improvement, two thousand dollars. New London.

Improving harbor at Norwalk, Connecticut: Continuing improvement, five thousand dollars. Norwalk.

Improving harbor at Stonington, Connecticut: Continuing improvement, ten thousand dollars. Stonington.

Improving harbor at Black Rock, Connecticut: Commencing new improvement, twenty thousand dollars. Black Rock.

Improving harbor at Buffalo, New York: Continuing improvement, one hundred thousand dollars. Buffalo.

Improving Buttermilk Channel, New York: Continuing improvement, ten thousand dollars. Buttermilk Channel.

Improving harbor at Canarsie Bay, New York: Continuing improvement, five thousand dollars. Canarsie Bay.

Improving Sheepshead Bay, New York: Continuing improvement, five thousand dollars. Sheepshead Bay.

Improving harbor at Charlotte, New York: Continuing improvement, twenty thousand dollars. Charlotte.

Improving harbor at Dunkirk, New York: Continuing improvement, ten thousand dollars, to restore broken breakwater and for dredging. Dunkirk.

Improving harbor at Flushing Bay, New York: Continuing improvement, ten thousand dollars. Flushing Bay.

Improving channel in Gowanus Bay, New York: Continuing improvement, five thousand dollars. Gowanus Bay

Improving harbor at Great Sodus Bay, New York: Continuing improvement, ten thousand dollars. Great Sodus Bay.

Improving harbor at Greenport, New York: Continuing improvement, ten thousand dollars. Greenport.

Improving harbor at Little Sodus Bay, New York: Continuing improvement, ten thousand dollars Little Sodus Bay.

Oak Orchard. Improving harbor at Oak Orchard, New York: Continuing improvement, five thousand dollars.

Ogdensburg. Improving harbor at Ogdensburg, New York: Continuing improvement, fifteen thousand dollars.

Oswego. Improving harbor at Oswego, New York: Continuing improvement, eighty thousand dollars.

Rondout. Improving harbor at Rondout, New York: Continuing improvement, one thousand dollars.

Breakwater, Rouse's Point. Commencing construction of breakwater at Rouse's Point, on Lake Champlain, New York, thirty-five thousand dollars.

Saugerties. Improving harbor at Saugerties, New York, five thousand dollars.

Channel between Staten Island and New Jersey. Improving channel between Staten Island and New Jersey: Continuing improvement, ten thousand dollars.

Raritan Bay Improving harbor at Raritan Bay, New Jersey: Continuing improvement, twenty thousand dollars.

Erie. Improving harbor at Erie, Pennsylvania: Continuing improvement, fifty thousand dollars.

Delaware Breakwater. Improving Delaware Breakwater, Delaware: Continuing improvement, seventy-five thousand dollars.

New Castle. Improving harbor at New Castle, Delaware: Continuing improvement, two thousand dollars.

Wilmington, Del. Improving harbor at Wilmington, Delaware: Continuing improvement, twenty-five thousand dollars.

Baltimore. Improving harbor at Baltimore, Maryland: Continuing improvement, two hundred and fifty thousand dollars.

Breton Bay. Improving harbor at Breton Bay, Maryland: Continuing improvement, three thousand dollars.

Norfolk. Improving harbor at Norfolk, and its approaches, Virginia: Continuing improvement, twenty-five thousand dollars.

Approach to Norfolk Harbor and United States navy-yard. Improving approach to Norfolk Harbor and the United States (Norfolk) navy-yard: Continuing improvement, the widening of the channel of the Elizabeth River between Lambert's Point and Fort Norfolk, fifty thousand dollars.

Charleston, S. C. Improving harbor at Charleston, South Carolina, including Sullivan's Island: Continuing improvement, two hundred and fifty thousand dollars, of which sum five thousand dollars may be used in front of Mount Pleasant.

Georgetown, S. C. Improving harbor at Georgetown, South Carolina: Continuing improvement, five thousand dollars.

Brunswick, Ga. Improving harbor at Brunswick, Georgia: Continuing improvement, ten thousand dollars.

Savannah. Improving harbor at Savannah, Georgia: Continuing improvement, two hundred thousand dollars.

Cumberland Sound. Improving entrance to Cumberland Sound, Georgia and Florida: Continuing improvement, seventy-five thousand dollars.

Apalachicola Bay. Improving Apalachicola Bay, Florida: Continuing improvement, ten thousand dollars.

Pensacola. Improving harbor at Pensacola, Florida: Completing improvement, fifty-five thousand dollars.

Cedar Keys. Improving harbor at Cedar Keys, Florida: Commencing improvement, five thousand dollars.

Improving harbor at Tampa Bay, Florida: Continuing improvement, twenty thousand dollars. Tampa Bay.

Improving harbor and river at Mobile, Alabama: Continuing improvement, two hundred thousand dollars. Mobile.

Improving Aransas Pass and Bay up to Rockport and Corpus Christi, Texas: Continuing improvement, one hundred thousand dollars. Aransas Pass and Bay.

Improving harbor at Brazos Santiago, Texas: Continuing improvement of the bar and harbor, twenty-five thousand dollars. Brazos Santiago.

For improving and deepening bar at the mouth of the Neches River, Texas: Completing the work, seven thousand dollars. Bar, Neches River.

Improving ship-channel in Galveston Bay, from Morgan's Cut to Boliver Channel: Continuing improvement, for which purpose the balance now remaining of the money heretofore appropriated for this work is hereby directed to be expended by the Secretary of War in the completion of said channel in accordance with the plans heretofore adopted, and in marking out said channel by piles or stakes, so as to enable navigators to find the same without difficulty: *Provided*, That no part of said money shall be so expended until the Secretary of War shall be satisfied that the Buffalo Bayou Ship Channel Company has relinquished or abandoned to the United States, forever, all their franchises and any and all right to collect or impose tolls or charges from any part of said ship-channel or Buffalo Bayou. Ship-channel, Galveston Bay. *Proviso.*

Improving Pass Cavallo Inlet to Matagorda Bay, Texas: Continuing improvement, fifty thousand dollars. Pass Cavallo Inlet.

Improving harbor at Sabine Pass and Blue Buck Bar, Texas: Continuing improvement, two hundred thousand dollars. Sabine Pass and Blue Buck Bar.

Improving harbor at Ashtabula, Ohio: Continuing improvement, twenty-two thousand five hundred dollars. Ashtabula.

Improving Black River Harbor, Ohio: Continuing improvement, ten thousand dollars. Black River Harbor.

Improving harbor at Cleveland, Ohio: Continuing improvement, one hundred thousand dollars. Cleveland.

Improving harbor of refuge near Cincinnati, Ohio: Completing improvement, seventeen thousand dollars. Harbor of refuge near Cincinnati.

Improving harbor at Fairport, Ohio: Continuing improvement, ten thousand dollars. Fairport.

Improving harbor at Huron, Ohio: Continuing improvement, seven thousand five hundred dollars. Huron.

Improving ice-harbor at the mouth of the Muskingum River, Ohio: Continuing improvement, fifty thousand dollars. Ice-harbor, Muskingum River.

Improving harbor at Sandusky City, Ohio: Continuing improvement, twenty thousand dollars; one half of said sum to be expended in deepening the channel and the other half in the repair of existing works. Sandusky City.

Improving harbor at Toledo, Ohio: Continuing improvement, twenty thousand dollars. And the Secretary of War is hereby directed to commence the work of making a straight channel for the Maumee River from a point on the Toledo Harbor.

east side of the mouth of said river through North Cape Point to Lake Erie, in accordance with the second plan recommended by John M. Wilson, major of engineers, on the nineteenth of November, eighteen hundred and eighty one; and for that purpose the sum of twenty five thousand dollars is hereby appropriated.

Michigan City. Improving harbor at Michigan City, Indiana: Continuing improvement, fifty thousand dollars; of which sum ten thousand dollars are to be expended on the inner harbor and forty thousand dollars on the outer harbor.

Calumet. Improving harbor at Calumet, Illinois: Continuing improvement, twenty thousand dollars.

Chicago. Improving harbor at Chicago. Illinois: Continuing operations at outside harbor, dredging in outer harbor, and constructing exterior breakwater, one hundred thousand dollars.

Waukegan. Improving harbor at Waukegan, Illinois: Continuing improvement, twenty thousand dollars.

Belle River, ice-harbor. Improving ice harbor at Belle River, Michigan: Continuing improvement, two thousand dollars.

Black Lake. Improving harbor at Black Lake, Michigan: Continuing improvement, fifteen thousand dollars.

Charlevoix. Improving harbor at Charlevoix and entrance to Pine Lake, Michigan: Continuing improvement, ten thousand dollars.

Pentwater Harbor. Improving Pentwater Harbor, Michigan: Continuing improvement, fifteen thousand dollars.

Cheyboygan. Improving harbor at Cheboygan, Michigan: Continuing improvement, five thousand dollars.

Frankfort. Improving harbor at Frankfort, Michigan: Continuing improvement, five thousand dollars.

Grand Haven. Improving harbor at Grand Haven, Michigan: Continuing improvement, fifty thousand dollars.

Harbor of refuge, Sand Beach. Improving harbor of refuge, Sand Beach, Lake Huron, Michigan: Continuing improvement, including dredging the harbor, seventy five thousand dollars.

Ludington. Improving harbor at Ludington, Michigan: Continuing improvement, ten thousand dollars.

Manistee. Improving harbor of Manistee, Michigan: Continuing improvement, ten thousand dollars.

Muskegon. Improving harbor of Muskegon, Michigan: Continuing improvement, twenty thousand dollars.

Grand Marais. Improving Grand Marais Harbor, Michigan: Continuing improvement, thirty-five thousand dollars.

Ontonagon. Improving harbor at Ontonagon, Michigan: Continuing improvement, fifteen thousand dollars.

Saint Joseph. Improving harbor at Saint Joseph, Michigan: Continuing improvement, fifteen thousand dollars.

Marquette. Improving Marquette Harbor, Michigan: Continuing improvement, five thousand dollars.

Saugatuck. Improving harbor at Saugatuck, Michigan: Continuing improvement, four thousand dollars.

South Haven. Improving harbor at South Haven, Michigan: Continuing improvement, seven thousand five hundred dollars.

White River. Improving harbor at White River, Michigan: Continuing improvment, ten thousand dollars.

Improving harbor of refuge at Portage Lake, Michigan: twelve thousand five hundred dollars. Harbor of refuge, Portage Lake.

Improving harbor at Ahnapee, Wisconsin: Continuing improvement, fifteen thousand dollars. Ahnapee.

Improving harbor at Green Bay, Wisconsin: Continuing improvement, ten thousand dollars. Green Bay.

Improving harbor at Kenosha, Wisconsin: Continuing improvement, five thousand dollars. Kanosha.

Improving harbor at Kewaunee, Wisconsin: Continuing improvement, eighteen thousand dollars. Kewaunee.

Improving harbor at Manitowoc, Wisconsin: Continuing improvement, fifteen thousand dollars. Manitowoc.

Improving harbor at Menomonee, Wisconsin: Continuing improvement, ten thousand dollars. Menomonee.

Improving harbor of refuge at Milwaukee Bay, Wisconsin: Continuing improvement, eighty-five thousand dollars. Harbor of refuge, Milwaukee Bay.

Improving harbor at Oconto, Wisconsin: Continuing improvement, fifteen thousand dollars. Oconto.

Improving harbor at Pensaukee, Wisconsin: Continuing improvement, five thousand dollars. Pensaukee.

Improving harbor at Stockholm, Lake Pepin, Wisconsin: Continuing improvement, fifteen thousand dollars. Stockholm Harbor, Lake Pepin.

Improving harbor at Port Washington, Wisconsin: Continuing improvement, ten thousand dollars. Port Washington.

Improving harbor at Racine, Wisconsin: Continuing improvement, seven thousand dollars. Racine.

Improving Superior Bay and Harbor, Wisconsin; and also the channel of the Saint Louis River through said bay, forty-five thousand dollars. Superior Bay and Harbor.

Improving harbor at Sheboygan, Wisconsin: Continuing improvement, twenty-eight thousand dollars. Sheboygan

Improving harbor of refuge at entrance of Sturgeon Bay Canal, Wisconsin: Continuing improvement, ten thousand dollars. Harbor of refuge, Sturgeon Bay.

Improving harbor at Two Rivers, Wisconsin: Continuing improvement, eight thousand dollars. Two Rivers.

Completing ice-harbor at Dubuque, Iowa: Continuing improvement, twenty thousand dollars. Ice-harbor, Dubuque.

Improving harbor at Duluth, Minnesota; Continuing improvement, forty-five thousand dollars. Duluth.

Improving harbor at Grand Marais, Minnesota: Continuing improvement, ten thousand dollars. Grand Marais.

Improving harbor at Humboldt, California: Continuing improvement, sixty-two thousand five hundred dollars. Humboldt.

Improving harbor at Oakland, California; Continuing improvement, one hundred and thirty-nine thousand six hundred dollars; of which sum thirty-nine thousand six hundred dollars is to pay for land condemned for the purpose of constructing a tidal channel between the bay of San Leandro and the head of Oakland Harbor. Oakland.

Improving harbor at Wilmington, California; Continuing improvement, fifty thousand dollars. Wilmington, Cal.

Improving harbor at Redwood, California; three thousand dollars. Redwood.

Improving Coos Bay, Oregon: Continuing improvement thirty thousand dollars. Coos Bay.

Yaquina Bay. Improving harbor at Yaquina Bay, Oregon. Continuing improvement, fifty thousand dollars.

Lubec Channel. Improving Lubec Channel, Maine: Continuing improvement, ten thousand dollars: *Provided*, That as much of the sum as may be necessary shall be expended for the removal of a rock in Eastport Harbor.

Proviso.

Moose-a-bec Bar. Improving Moose-a-bec Bar, Maine: Continuing improvement, ten thousand dollars.

Cocheco River. Improving Cocheco River, New Hampshire: Completing improvement, twenty-eight thousand dollars.

Merrimac River. Improving Merrimac River at Rock's Bridge, Massachusetts: Continuing improvement, three thousand five hundred dollars.

Taunton River. Improving Taunton River, Massachusetts: Completing improvement, twenty-six thousand five hundred dollars.

Providence River. Narragansett Bay. Improving Providence River and Narragansett Bay, Rhode Island: Continuing improvement, eighty-five thousand dollars: *Provided*, That not exceeding one thousand dollars of said sum may be expended in removing obstructions at the mouth of the Pawtuxet River.

Proviso.

Pawtucket River. Improving Pawtucket River, Rhode Island: Continuing improvement, fifty thousand dollars: *Provided*, That this appropriation shall not become available until the officer in charge shall have reported that the rebuilding of Washington Bridge with good and sufficient draw-openings has been commenced.

Proviso.

Connecticut River. Improving Connecticut River below Hartford, Connecticut: Continuing improvement, thirty-five thousand dollars.

Housatonic River. Improving Housatonic River, Connecticut: Continuing improvement, two thousand five hundred dollars.

Thames River. Improving Thames River, Connecticut: Continuing improvement, twenty-five thousand dollars.

Hell Gate. For removing the reef at Hell Gate, New York, the sum of three hundred and sixty thousand dollars, or so much thereof as may be necessary for that purpose.

Gedney's Channel. Deepening Gedney's Channel through Sandy Hook Bar, New York, two hundred thousand dollars.

Hudson River. Improving Hudson River, New York: Continuing improvement, thirty thousand dollars.

Newtown Bay and Creek. Improving Newtown Bay and Newtown Creek, New York: Continuing improvement, twenty thousand dollars.

Maurice River. Improving Maurice River, New Jersey: Continuing improvement, seventeen thousand dollars.

Passaic River. Improving Passaic River below Newark, and removing shoals in Newark Bay, New Jersey: Continuing improvement, twenty-five thousand dollars.

Passaic River. Improving the Passaic River above Newark, New Jersey, three thousand dollars.

Raritan River. For continuing the improvement of the Raritan River, thirty-five thousand dollars.

Allegheny River. Improving Allegheny River, Pennsylvania: Continuing improvement, thirty-five thousand dollars.

Schuylkill River. Improving Schuylkill River, Pennsylvania: Continuing improvement, twenty-five thousand dollars.

Delaware River. Improving Delaware River from Trenton, New Jersey to its mouth: Continuing improvement, two hundred thousand

dollars: *Provided*, That not exceeding ten thousand dollars of said sum shall be expended above Bridesburg. *Proviso.*

Improving Choptank River, Maryland: Continuing improvement, five thousand dollars. Choptank River.

Improving Susquehanna River above and below the railroad bridge, Maryland: Continuing improvement, twenty thousand dollars; of which sum five thousand dollars shall be expended for the completion of the channel to Fishing Battery Light-House, and for repairing, strengthening, and extending the piers and breakwaters. Susquehanna River.

Improving Corsica Creek, Maryland: Continuing improvement, five thousand dollars. Corsica Creek.

Improving Wicomico River, Maryland, from its mouth to Salisbury, ten thousand dollars. Wicomico River.

Improving the Potomac River at Washington, five hundred thousand dollars; continuing improvement. Potomac River.

Improving harbor at entrance of Saint Jerome's Creek, Maryland: Continuing operations, fifteen thousand dollars. Saint Jerome's Creek.

Improving Appomatox River, Virginia: Continuing improvement, twenty-five thousand dollars. Appomattox River.

Improving James River, Virginia: Continuing improvement on the plan for deepening the channel to twenty-two feet at mean low tide, seventy-five, thousand dollars. James River.

Improving Mattaponi River, Virginia: Continuing improvement, two thousand five hundred dollars. Mattaponi River.

Improving Rappahannock River, Virginia: Continuing improvement, twenty thousand dollars. Rappahannock River.

Improving York River, Virginia: Continuing improvement, twenty thousand dollars. York River.

Improving Dan River, Virginia: Continuing improvement above Danville, five thousand dollars. Dan River.

Improving Staunton River, Virginia: Continuing improvement, five thousand dollars. Staunton River.

Improving Big Sandy River, West Virginia and Kentucky, fifty thousand dollars; of which sum continuing improvement below the fork and completing the lock on the West Virginia side, forty thousand dollars; on Tug Fork, in West Virginia, five thousand dollars, and on Lavisa Fork, in Kentucky, five thousand dollars. Big Sandy River. Tug Fork. Lavisa Fork.

Improving Great Kanawha River, West Virginia; Continuing improvement, two hundred thousand dollars; of which sum seven thousand five hundred dollars are to be used on a harbor of refuge at the mouth of the river. Great Kanawha River.

Improving Guyandotte River, West Virginia: Continuing improvement, two thousand dollars. Guyandotte River.

Improving Monongahela River, West Virginia: Continuing improvement, forty-five thousand dollars. Monongahela River.

For continuing the improvement of Little Kanawha River, West Virginia, the sum of thirty-one thousand dollars appropriated by the act of August second, eighteen hundred and eighty-two, is made available. But no toll shall be collected by any person or corporation for this improved navigation; and such right, if any exist, shall be relinquished in manner satisfactory to the Secretary of War before the expenditure of said sum. Little Kanawha River. 22 Stat., 199.

Buckhannon River. Improving Buckhannon River, West Virginia, one thousand five hundred dollars.

Cape Fear River. Improving Cape Fear River above Wilmington, North Carolina: Continuing improvement, five thousand dollars.

Improving Cape Fear River below Wilmington, North Carolina: Continuing improvement, two hundred thousand dollars.

Beaufort. Improving harbor at Beaufort, North Carolina: Continuing improvement, twenty thousand dollars.

Edenton Bay. Improving Edenton Bay, North Carolina, ten thousand dollars.

Trent River. Improving Trent River, North Carolina: Continuing improvement, ten thousand dollars.

Contentnea or Moccasin River. Improving Contentnea or Moccasin River, North Carolina: Continuing improvement, five thousand dollars.

Currituck Sound. Improving Currituck Sound, North Carolina: Continuing improvement, five thousand dollars.

Neuse River. Improving Neuse River, North Carolina: Continuing improvement, twenty thousand dollars.

New River. Improving New River, North Carolina: Continuing improvement, five thousand dollars.

Pamplico and Tar Rivers. Improving Pamplico and Tar Rivers, North Carolina: Continuing improvement, five thousand dollars.

Roanoke River. Improving Roanoke River, North Carolina: Continuing improvement, three thousand dollars.

Scuppernong River. Improving Scuppernong River, North Carolina: Continuing improvement, two thousand dollars.

Ashley River. Improving Ashley River, South Carolina: Continuing improvement, two thousand dollars.

Edisto River. Improving Edisto River, South Carolina: Continuing improvement, five thousand dollars.

Great Pee Dee River. Improving Great Pee Dee River, South Carolina: Continuing improvement, eight thousand dollars.

Salkehatchee River. Improving Salkehatchee River, South Carolina: Continuing improvement, three thousand dollars.

Waccamaw River. Improving Waccamaw River, South Carolina: Continuing improvement, six thousand dollars.

Wappoo Cut. Improving Wappoo Cut, South Carolina: Continuing improvement, three thousand dollars.

Wateree River. Improving Wateree River, South Carolina: Continuing improvement, five thousand dollars.

Santee River. Improving Santee River, South Carolina: Continuing improvement, fifteen thousand dollars.

Altamaha River. Improving Altamaha River, Georgia: Continuing improvement, fifteen thousand dollars.

Saint Jones River. Improving St. Jones River, Delaware: Continuing improvement, ten thousand dollars.

Chattahoochee River. Improving Chattahoochee River, Georgia and Alabama: Continuing improvement, thirty-five thousand dollars.

Coosa River. Improving Coosa River, Georgia and Alabama: Continuing improvement, fifty thousand dollars.

Flint River. Improving Flint River, Georgia: Continuing improvement, twenty thousand dollars; of which sum fifteen thousand dollars to be expended below Albany and five thousand dollars from Albany to Montezuma.

Improving Ocmulgee River, Georgia: Continuing improvement, three thousand dollars. Ocmulgee River.

Improving Oconee River, Georgia: Continuing improvement, three thousand dollars. Oconee River.

Improving Romerly Marsh, Georgia: Continuing improvement on present plan, ten thousand dollars. Romerly Marsh.

Improving Savannah River, Georgia: Continuing improvement below Augusta, fifteen thousand dollars. Savannah River.

Improving Appalachicola River, Florida: Continuing improvement, one thousand dollars. Appalachicola River.

Improving Caloosahatchie River, Florida: Continuing improvement, five thousand dollars. Caloosahatchie River.

Improving Choctawhatchee River, Florida and Alabama: Continuing improvement, fifteen thousand dollars; five thousand dollars thereof to be expended between the railroad bridge and Geneva, and ten thousand dollars thereof between Geneva and Newton, Alabama, to make that part of said river navigable at low-water stages. Choctawhatchee River.

Improving Conecuh-Escambia River, Florida and Alabama: Continuing improvement, twelve thousand dollars. Conecuh-Escambia River.

Improving Escambia River, Florida, three thousand dollars. Escambia River.

Improving the channel over the bar at the mouth of Saint John's River, Florida: Continuing improvement, one hundred and fifty thousand dollars. Bar, Saint John's River.

Improving the Upper Saint John's River, Florida, five thousand dollars. Upper Saint John's River.

Improving Suwanee River, Florida: Continuing improvement, five thousand dollars. Suwanee River.

Improving Volusia Bar, Florida: Continuing improvement, two thousand dollars. Volusia Bar.

Improving Withlacoochee River, Florida: Continuing improvement, three thousand dollars. Withlacoochee River.

Improving Alabama River, Alabama: Continuing improvement, ten thousand dollars. Alabama River.

Improving Cahawba River, Alabama: Continuing improvement, ten thousand dollars. Cahawba River.

Improving Tallapoosa River, Alabama: Continuing improvement, ten thousand dollars. Tallapoosa River.

Improving Warrior River, Alabama: Continuing improvement, twelve thousand dollars. Warrior River.

Improving Tombigbee River, Alabama and Mississippi: Continuing improvement from Fulton to Vienna, ten thousand dollars, and below Vienna, fifteen thousand dollars. Tombigbee River.

Improving Black Warrior River, Alabama, from Tuscaloosa to Daniel's Creek, fifty thousand dollars. Black Warrior River.

Improving Big Sunflower River, Mississippi: Continuing improvement, five thousand dollars. Big Sunflower River.

Improving Noxubee River, Mississippi: Continuing improvement, seven thousand five hundred dollars. Noxubee River.

Improving Pascagoula River, Mississippi: Continuing improvement, three thousand dollars. Pascagoula River.

Improving Pearl River, Mississippi: Continuing improvement between Edinburg and Carthage, two thousand five hundred dollars; and below Jackson, including bar at mouth, ten thousand dollars. Pearl River.

Channel of Biloxi Bay. Improving channel of Biloxi Bay, Mississippi: Continuing improvement, for which purpose the balance of the money heretofore appropriated for the roadstead now on hand is hereby directed to be applied to the deepening of the channel from Mississippi Sound to the wharves at Biloxi.

Tallahatchee River. Improving Tallahatchee River, Mississippi: Continuing improvement, three thousand dollars.

Tchula Lake. Improving Tchula Lake, Mississippi: Continuing improvement, one thousand five hundred dollars.

Steele's Bayou. Improving Steele's Bayou, Mississippi, two thousand five hundred dollars.

Big Black River. Improving Big Black River, Mississippi, five thousand dollars.

Horn Island Pass. Improving Horn Island Pass, Mississippi, five thousand dollars.

Yallabusha River. Improving Yallabusha River, Mississippi: Continuing improvement, two thousand dollars.

Yazoo River. Improving Yazoo River, Mississippi: Continuing improvement ten thousand dollars.

Bayou Black. Improving Bayou Black, Louisiana: Continuing improvement five thousand dollars.

Boeuf River. Improving Boeuf River, Louisiana: Continuing improvement, five thousand dollars.

Bayou Bartholomew. Improving Bayou Bartholomew, Louisiana and Arkansas: Continuing improvement, five thousand dollars.

Bayou Courtableau. Improving Bayou Courtableau, Louisiana: Continuing improvement, four thousand dollars.

Bayou Teche. Improving Bayou Teche, Louisiana: Continuing improvement, six thousand five hundred dollars.

Bayou D'Arbonne. Improving Bayou D'Arbonne, Louisiana; from mouth to Stein's Bluff, five thousand dollars.

Bayou Pierre. Continuing examination and for the thorough survey of Bayou Pierre, Louisiana; eight thousand six hundred dollars.

Loggy Bayou. Lake Bistenau, Dorcheat. Improving Loggy Bayou, Lake Bistenau, and the Dorcheat, Louisiana; five thousand dollars.

Cane River. Improving Cane River, Louisiana; two thousand five hundred dollars.

Bayou La Fourche. Improving Bayou La Fourche, Louisiana: Continuing improvement, five thousand dollars, including removing obstructions at the mouth.

Calcasieu River. Improving Calcasieu River, Louisiana: Continuing improvement, six thousand five hundred dollars; to which is added the sum heretofore appropriated to be used at the mouth of the river.

Red River. Improving Red River, Louisiana and Arkansas: Continuing improvement from the Atchafalaya to Fulton, Arkansas; seventy-five thousand dollars, to be expended as follows: Not exceeding fifteen thousand dollars for revetment to protect the harbor at Alexandria from damage by the current of the river: Not exceeding five thousand dollars to close the outlet of the river known as Sale and Murphy's Canal; the remainder (including whatever balance may remain unexpended from above improvements embraced

Harbor at Alexandria.

Sale and Murphy's Canal.

in this paragraph) to be applied to the improvement of the main channel of the river.

Improving Tangipahoa River, Louisiana: Continuing improvement, two thousand dollars. Tangipahoa River.

Improving Tensas River and Bayou Macon, Louisiana: Continuing improvement, four thousand dollars. Tensas River. Bayou Macon.

Improving mouth of the Brazos River, Texas: Continuing improvement, ten thousand dollars. Brazos River.

Improving Buffalo Bayou, Texas: Continuing improvement, twenty-five thousand dollars. Buffalo Bayou.

For survey of the Arkansas River from Little Rock to mouth, nineteen thousand dollars. Arkansas River.

Improving Arkansas River at Pine Bluff, Arkansas; fifty-five thousand five hundred dollars.

Improving Black River, Arkansas and Missouri; twenty thousand dollars, of which sum fifteen thousand dollars are to be expended for a snag-boat and five thousand dollars on the river. Black River.

Improving Ouachita River, Louisiana and Arkansas, and Black River, Louisiana, including removing wrecks in the harbor of Monroe: Continuing improvement, fifteen thousand dollars. Ouachita River.

Improving Saline River, Arkansas: Continuing improvement, five thousand dollars. Saline River.

Improving White River, Arkansas: Continuing improvement and survey, thirty five thousand dollars. White River.

Improving Saint Francis River, Arkansas: Continuing improvement, twelve thousand dollars; of which sum four thousand dollars are to be expended for a snag boat. Saint Francis River.

For removing obstructions in the Arkansas River from its mouth to Wichita, Kansas, thirty-six thousand dollars; and for the protection of the harbor at Fort Smith, Arkansas, five thousand dollars. Removal of obstructions from Arkansas River.

Improving Big Hatchee River, Tennessee: Continuing improvement, two thousand five hundred dollars. Big Hatchee River.

Improving Caney Fork River, Tennessee: Continuing improvement, three thousand dollars. Caney Fork River.

Improving Clinch River, Tennessee: Continuing improvement, five thousand dollars. Clinch River.

Improving Cumberland River, Tennessee and Kentucky: Continuing improvement below Nashville, including bar at mouth of the river, seven thousand five hundred dollars. Cumberland River, Tennessee and Kentucky.

For the improvement of the Cumberland River above Nashville, fifty thousand dollars; and such improvement shall be made according to the recommendations of Major W. R. King, engineer in charge, contained in the letter of the Secretary of War, March fifteenth, eighteen hundred and eighty-four, Senate Executive Document Number One Hundred and Twenty-nine, first session, Forty-eighth Congress. Cumberland River above Nashville.

Improving the French Broad River, in Tennessee: Continuing improvement, three thousand five hundred dollars. French Broad River.

Improving Hiawassee River, Tennessee: Continuing improvement, two thousand five hundred dollars. Hiawassee River.

Improving South Forked Deer River, Tennessee: Continuing improvement, two thousand dollars. South Forked Deer River.

Tennessee River above Chattanooga.

Improving Tennessee River above Chattanooga: Continuing improvement, three thousand dollars.

Tennessee River, Alabama and Kentucky.

Improving Tennessee River, Tennessee, Alabama, and Kentucky: Continuing improvement below Chattanooga (including Muscle Shoals and shoal at Reynoldsburg), three hundred and fifty thousand dollars.

South Fork of Cumberland River.

Improving South Fork of Cumberland River, Kentucky: Continuing improvement, four thousand dollars.

Kentucky River.

Improving Kentucky River, Kentucky: Continuing improvement, two hundred and fifty thousand dollars.

Tradewater River.

Improving Tradewater River, Kentucky: Continuing improvement, two thousand dollars.

Falls of Ohio River at Louisville.

Improving Falls of the Ohio River at Louisville, Kentucky: Continuing improvement in pursuance of the last plan of the engineer in charge; three hundred thousand dollars; of which sum such amount as may be necessary, not exceeding five thousand dollars, shall be expended in the erection of a stone pillar or pier on the southern side of the Indiana Chute, provided the engineer in charge shall decide that such a structure will aid in the navigation thereof.

Indiana Chute.

Detroit River.

Improving Detroit River, Michigan: Continuing improvement, two hundred thousand dollars.

Hay Lake Channel, Saint Mary's River.

Improving Hay Lake Channel, Saint Mary's River, Michigan: Continuing improvement, one hundred and twenty-five thousand dollars.

Saginaw River.

Improving Saginaw River, Michigan: Continuing improvement, fifty thousand dollars; of which sum twenty-five thousand dollars are to be used opposite Bay City for deepening the channel from the river into the bay, and remainder on the river above Bay City.

Channel, Bay City.

Grand River, below Grand Rapids.

Improving Grand River below Grand Rapids, Michigan: Continuing improvement, twenty-five thousand dollars.

Cedar River.

Improving mouth and harbor of Cedar River, Michigan: Continuing improvement, fifteen thousand dollars.

Chippewa River.

Improving Chippewa River and its mouth, Wisconsin: Continuing improvement, fifteen thousand dollars.

Fox and Wisconsin rivers.

Improving Fox and Wisconsin rivers, Wisconsin: Continuing improvement, one hundred and sixty thousand dollars; of which sum ten thousand dollars are to be used for maintaining the channel between Depere and Green Bay: *Provided*, That in order to carry into effect the river and harbor act of August second, eighteen hundred and eighty-two, for lowering the water in Lake Winnebago, the Secretary of War is hereby authorized to acquire for the United States, by purchase, voluntary or by condemnation under the laws of Wisconsin, as the case may be, the necessary lands and sites at the Menasha Dam; and so much of the foregoing sum hereby appropriated as may be necessary may be used for such purpose.

Channel, Depere and Green Bay. *Proviso.* 22 Stat., 203.

Saint Croix River.

Improving Saint Croix River, Wisconsin: Continuing improvement below Taylor's Falls, nine thousand dollars.

Wabash River.

Improving Wabash River by lock and dam at Grand Rapids, Indiana and Illinois: Continuing improvement, thirty thousand dollars; also between Vincennes and Terre Haute, ten thousand dollars.

Improving White River, Indiana: Continuing improvement below Hazleton, ten thousand dollars. White River.

Improving Illinois River, Illinois: Continuing improvement, one hundred thousand dollars. Illinois River.

Improving Calumet River, Illinois: Continuing improvement, fifty thousand dollars: *Provided, however*, That no part of said sum shall be expended until the right of way shall have been conveyed to the United States, free from expense, and the United States shall be fully released from all liability for damages to adjacent property-owners, to the satisfaction of the Secretary of War. Calumet River. *Proviso.*

Improving Gasconade River, Missouri: Continuing improvement, five thousand dollars. Gasconade River.

Improving the Red River of the North, Minnesota and Dakota: Continuing improvement, ten thousand dollars. Red River of the North.

Improving Yellowstone River, Montana and Dakota: Continuing improvement between Glendive and the mouth of the river, twenty thousand dollars. Yellowstone River.

Improving Sacramento and Feather rivers, California: Continuing improvement, forty thousand dollars; one-half of which sum shall be expended on the Sacramento River and one-half on Feather River: *Provided*, That no part of said sum, or of the money now on hand to the credit of this fund, except what may be necessary for snagging and dredging operations, shall be used, except as herein provided, until the Secretary of War shall have been satisfied of the cessation of hydraulic mining on said rivers and their tributaries; and of the amount now on hand to the credit of the fund for the improvement of said rivers, the sum of forty thousand dollars, or so much thereof as may be necessary, is hereby appropriated for the immediate construction of a first class dredge-boat, to be used, in the discretion of the officer in charge, on the rivers emptying into Suisun and San Pablo bays. Sacramento and Feather rivers. *Proviso.* Appropriation for dredge-boat.

Improving San Joaquin River and Stockton and Mormon Sloughs, California: Continuing improvement, twenty thousand dollars. San Joaquin River; Stockton and Mormon Sloughs.

Improving Mokelumne River, California, eight thousand five hundred dollars. Mokelumne River.

Improving Colorado River, Nevada and California, and Arizona Territory, between Fort Yuma and a point thirty miles above Rioville, twenty-five thousand dollars. Colorado River.

Improving the mouth of the Columbia River, Oregon and Washington Territory: Commencing improvement, in accordance with the plan recommended by the majority of the Board of Engineers in eighteen hundred and eighty-two, one hundred thousand dollars. Mouth of Columbia River.

Improving Columbia River, at Cascades, Oregon: Continuing improvement, one hundred and fifty thousand dollars. Columbia River, at Cascades.

Improving Columbia and Lower Willamette rivers below Portland, Oregon: Continuing improvement, one hundred thousand dollars. Columbia and Willamette rivers.

Improving Upper Columbia and Snake Rivers, Oregon and Washington Territory: Continuing improvement, twenty thousand dollars. Upper Columbia and Snake rivers.

Willamette River above Portland.

Improving Willamette River above Portland, Oregon: Continuing improvement, ten thousand dollars.

Coquille River.

Improving mouth of Coquille River, Oregon: Continuing improvement, ten thousand dollars.

Chehalis River.

Improving Chehalis River, Washington Territory: Continuing improvement, two thousand five hundred dollars.

Cowlitz River.

Improving Cowlitz River, Washington Territory: Continuing improvement, two thousand dollars.

Skagit, Stillaguamish, Nootsack Snohomish, and Snoqualmie rivers.

Improving the Skagit, Stillaguamish, Nootsack Snohomish and Snoqualmie rivers, Washington Territory: Continuing improvement, ten thousand dollars.

Missouri River from mouth, etc.

Improving Missouri River from its mouth to Sioux City, Iowa, including such harbors on said river as in the judgment of the board of engineers herein created will benefit commerce and navigation, five hundred thousand dollars.

Missouri River Commission created.

That a commission to be called the Missouri River Commission is hereby created, to consist of five members.

Appointment of.

That the President shall nominate and, by and with the advice and consent of the Senate, appoint five Commissioners, three of whom shall be selected from the Corps of Engineers of the Army and two from civil life, one of whom at least shall be a civil Engineer; and he shall in like manner fill any vacancy in said Commission; and he shall designate one of the Commissioners appointed from the Corps of Engineers to be president of the Commission. The Commissioners appointed from the Corps of Engineers shall receive no other pay or compensation than is allowed them by law, and the other two Commissioners shall each receive for their services pay at the rate of two thousand five hundred dollars per annum, out of any money appropriated for the Missouri River; and all said Commissioners shall remain in office subject to removal by the President of the United States.

Compensation.

Duties.

That it shall be the duty of said Commission to superintend and direct such improvement of said river and to carry into execution such plans for the improvement of the navigation of said river from its mouth to its headwaters as may now be devised and in progress, and to continue and complete such surveys as may now be in progress, and to make such additional surveys, examinations, and investigations, topographical, hydrographical, and hydrometrical and to consider, devise, and mature such additional plan or plans, and all such estimates as may be deemed necessary and best, to obtain and maintain a channel and depth of water in said river sufficient for the purposes of commerce and navigation, and to accomplish the objects of this act, and to enable the Commission to perform the duties assigned them the Secretary of War is hereby authorized and directed to transfer to and place under the control and superintendence of said Commission all such vessels, barges, machinery, and instruments, and such plant as may now be provided, devised, or in use on said river, from appropriations heretofore made for said river, or other sources, and when thereto requested by said Commission to detail from the Corps of Engineers such officers and men as may be necessary, and to place in the charge of said Commission any such vessels, machinery, and

Powers.

instruments under his control as may be deemed necessary. And said Commission may, with the approval of the Secretary of War, employ such additional force and assistants, and provide, by purchase or otherwise, such additional vessels, boats, machinery, instruments, and means, as may be deemed necessary; to be paid for by appropriations made or to be made for said river.

Expenditure of appropriations.

That the said Commission shall, under the direction and with the approval of the Secretary of War, superintend, control, and expend for the purposes of this act all appropriations or unexpended balances heretofore made for the improvement of said river, and which may hereafter be made for said river, or so much thereof as may be necessary, and shall prepare and submit, through the Chief of the Engineer Corps to the Secretary of War, to be by him transmitted to Congress at the beginning of the regular session in December of each year, a full and detailed report of all their proceedings and actions, and of all such plans and systems of work as may now be devised and in progress and carried out by them, and of all such additional plans and systems of works as may be devised and matured by them, with full and detailed estimates of the cost thereof, and statements of all expenditures made by them; and the Secretary of War may detail from the Corps of Engineers or other corps of the Army an officer to act as secretary of the Commission, to aid them in their work; and all money hereby or hereafter appropriated for the improvement of said Missouri River shall be expended under the direction of the Secretary of War in accordance with the plans, specifications, and recommendations of said Commission when such plans, specifications, and recommendations shall have been approved by Congress.

Report of proceedings of Commission.

Secretary to Commission.

Missouri River.

Improving Missouri River from Sioux City, Iowa, to Fort Benton Montana: Continuing improvement, one hundred and twenty-five thousand dollars; of which sum fifteen thousand dollars shall be used in the purchase of a snagboat to be operated on the Missouri River above Sioux City and on the Yellowstone River.

Survey of Missouri River above Missouri River Falls.

For a survey of the Missouri River above the Missouri River Falls, at Fort Benton, fifteen thousand dollars.

Removal of snags, etc., from Missouri River.

For removing snags, wrecks, and other obstructions in the Missouri River, fifty thousand dollars.

Reservoirs at headwaters of Mississippi River.

Proviso.

For continuing operations on the reservoirs at the headwaters of the Mississippi River, sixty thousand dollars: *Provided*, That the money hereby appropriated shall be used solely for the improvement of the navigation of the Mississippi River and its tributaries, and no part thereof shall be expended with the view to the improvement of private property.

Mississippi River from Saint Paul to Des Moines Rapids.

Improving Mississippi River from Saint Paul to Des Moines Rapids, including the harbors of Andalusia, Muscatine, and Fort Madison, and including work for the protection of the bank of the Mississippi River at Winona, Minnesota, and the prevention of its erosion caused by dams erected above the city to improve the navigation of the

river: Continuing improvements, two hundred and fifty thousand dollars.

Lake City, Minn.

Improving harbor at Lake City, Minnesota: Continuing improvement, fifteen thousand dollars.

Mississippi River at Des Moines Rapids.

Improving Mississippi River at Des Moines Rapids, Iowa: Continuing improvement, fifty thousand dollars; of which sum ten thousand dollars are to be used in the construction of a pier at the outer wall of the Des Moines Rapids Canal, in accordance with the recommendation of the Engineer Corps: *Provided*, That said pier shall not be made unless the Secretary of War shall decide that the railroad bridge at that place was built in conformity with the act of Congress authorizing its construction.

Proviso.

Dry-dock at Des Moines Rapids Canal.

For the continuation of the construction of the dry-dock at the Des Moines Rapids Canal, on the Mississippi River, thirty thousand dollars.

Mississippi River from Des Moines Rapids to mouth of Illinois River.

Improving Mississippi River from Des Moines Rapids to the mouth of Illinois River, including the river at Quincy and Quincy Bay, and the removal of the bar at the mouth of Whipple Creek, in said bay: Continuing improvement, two hundred thousand dollars.

Falls of Saint Anthony.

Improvements at the Falls of Saint Anthony, Minnesota: Repairs to and preservation thereof, ten thousand dollars.

Mississippi River from mouth of Illinois River to mouth of Ohio River.

Improving Mississippi River from the mouth of Illinois River to the mouth of the Ohio River, including the completion of Alton Harbor, and also, in the discretion of the Secretary of War, the improvement of the Illinois shore opposite the mouth of the Missouri River: Continuing improvement, five hundred and twenty thousand dollars; fifty thousand dollars of which sum shall be used in extending the work for the protection of the easterly bank of the Mississippi River at Cairo, Illinois, and the prevention of its wash or erosion, commencing at the southerly end of the present Government revetment work and continuing down stream.

Mississippi River from head of the passes to Cairo.

Improving Mississippi River from the head of the passes to Cairo, including the improvement and preservation of the harbors of New Orleans, Natchez, Vicksburg, Greenville, Memphis, Hickman, and Columbus, the deflection of the waters of Red River from the Atchafalaya, and keeping open a navigable channel through the mouth of the Red River into the Mississippi River: Continuing improvement, one million three hundred and fifty thousand dollars; which sum together with the sums herein appropriated for the Mississippi River from the Des Moines Rapids to the mouth of the Ohio, shall be expended under the direction of the Secretary of War, in accordance with the plans, specifications, estimates, and recommendations of the Mississippi River Commission: *Provided*, That no portion of this appropriation shall be expended to repair or build levees for the purpose of reclaiming lands or preventing injury to lands by overflows: *Provided, however*, That the Commission is authorized to repair and build levees if in their judgment it should be done as a part of their plan to afford ease and safety to the navigation and commerce of the river and to deepen the channel: *Provided further*, That in view

Appropriation, to be expended under the direction of Secretary of War.

Proviso.

Proviso.

Duties of Mississippi River Commission.

Proviso.

of the threatened injury to the harbor of Memphis and the Government property at that place and the necessity of immediate protection thereof the sum of two hundred thousand dollars or so much thereof as may be necessary shall be immediately applied to protect said harbor and property out of the foregoing appropriations.

Removal of snags, etc., from Mississippi River.

For removing snags, wrecks, and other obstructions in the Mississippi River, seventy five thousand dollars

Examinations and surveys at South Pass Mississippi River.

For examinations and surveys at South Pass Mississippi River; To ascertain the depth of water and width of channel secured and maintained from time to time by James B. Eads at South Pass of the Mississippi River, and to enable the Secretary of War to report during the maintenance of the work, ten thousand dollars.

Gauging waters of Lower Mississippi.

For gauging the waters of the Lower Mississippi and its tributaries; annual expense of gauging the waters of the Mississippi River, and its tributaries, continuing observations of the rise and fall of the river and its chief tributaries as required by joint resolution of February twenty-first, eighteen hundred and seventy-one, five thousand dollars.

Surveys of Mississippi River between the head of the passes and its headwaters.

For continuation of surveys of the Mississippi River between the head of the passes, near its mouth, and its headwaters now in progress; to make additional surveys and examinations of said river and its tributaries; to make such additional examinations and investigations, topographical, hydrographical, hydrometical as are necessary for maturing a plan for the permanent improvement of the entire river, seventy-five thousand dollars.

Gauging waters of the Columbia River.

For gauging the waters of the Columbia River below Astoria, Oregon, and elsewhere on said river and its principal tributaries, at the discretion of the Secretary of War, one thousand dollars.

Ohio River.

Completion of Davis Island Dam.

Grand Chain.

Ice-harbor at mouth of Great Kanawha.

Improving the Ohio River, continuing improvement, six hundred thousand dollars; of which sum, seventy thousand dollars, or so much thereof as may be necessary for the completion of the Davis Island Dam, shall be expended on that work; fifty thousand dollars shall be used in continuing work on the upper and lower dikes and other improvements at Grand Chain; and seven thousand five hundred dollars for the ice harbor at the mouth of the Great Kanawha and fifty thousand dollars or so much thereof as may be necessary for the improvement of the navigation of the river at Jeffersonville, and the protection of the Government property.

Secretary of War to prescribe rules, etc., to make report to Congress in detail, all work, contracts, expenditures, etc., and in regard to public works in aid of commerce, etc.

SEC. 2. That the Secretary of War shall prescribe such rules and regulations as may be necessary to secure a judicious and economical expenditure of said sums, and shall cause to be made and submitted to Congress annual reports, on or before January first, giving detailed statements of the work done, contracts made, the expenditures thereunder or otherwise, and the effect of such work, together with such recommendations as he may deem it proper to lay before Congress. He shall also report to Congress, at its next session, all the instances in the United States in which piers, breakwaters, or other structures or works built or

made by the United States in aid of commerce or navigation are used, occupied, or injured by a corporation or an individual, and the extent and mode of such use, occupation, or injury, and the facts touching the same. He shall also report whether any bridges, causeways, or structures, now erected or in process of erection do or will interfere with free and safe navigation, and if they do or will so interfere, to report the best mode of altering or constructing such bridges or causeways so as to prevent any such obstructions

Duty of Secretary of War in expenditure of money for improvements, etc.

SEC. 3. That it shall be the duty of the Secretary of War to apply the money herein appropriated for improvements other than surveys and estimates, in carrying on the various works by contract or otherwise, as may be most economical and advantageous to the Government. Where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution and completion of the work according to such contract, and for the prompt payment of all liabilities incurred in the prosecution thereof for labor and material.

Contracts for work, how made.

Tolls not to be levied or collected, etc.

SEC. 4 That no tolls or operating charges whatsoever shall be levied or collected upon any vessel or vessels, dredges, or other passing water-craft through any canal or other work for the improvement of navigation belonging to the United States; and for the purpose of preserving and continuing the use and navigation of said canals, rivers, and other public works without interrruption, the Secretary of War, upon the application of the chief engineer in charge of said works, is hereby authorized to draw his warrant or requisition from time to time upon the Secretary of the Treasury to pay the actual expenses of operating and keeping said works in repair, which warrants or requisitions shall be paid by the Secretary of the Treasury, out of any money in the Treasury not otherwise appropriated: *Provided, however*, That an itemized statement of said expenses shall accompany the annual report of the Chief of Engineers.

Payments for actual expenses of operating and keeping certain works in repair, authorized.

Proviso.

Appropriations for purchase of land for lock and dam at Beattyville, etc.

SEC. 5. That out of the money herein appropriated for the Kentucky River the sum of two thousand dollars or so much thereof as may be necessary may be expended for the purchase of land for the construction of lock and dam at Beattyville; and so much thereof as may be necessary may also be expended for the same purpose at lock number six: *And provided further*, That the sum of six thousand dollars authorized by the act approved June fourteenth eighteen hundred and eighty to be expended for the removal of dams in Yadkin River North Carolina may be used by the Secretary of War for acquiring the right of way by removal or otherwise of such dams as may be necessary for the contemplated improvement, the said right of way or removal to be obtained by agreement with the parties interested or in event of failure to make a reasonable agreement by con-

Proviso.

21 Stat., 190.

Removal of dams in Yadkin River.

demnation as provided for by the laws of the State of North Carolina.

Material for improvements authorized, how obtained.

SEC. 6 That whenever, in the prosecution and maintenance of the improvement of the Mississippi River and other rivers harbors and public works for which appropriations are herein made it becomes necessary or proper, in the judgment of the Secretary of War, to take possession of material found on bars and islands within the river banks, or other material lying adjacent or near to the line of any of said works and needful for their prosecution or maintenance, the officers in charge of said works may, when they cannot agree as to the price with the owners thereof, in the name of the United States take possession of and use the same after first having paid or secured to be paid the value thereof, which may have been ascertained in the mode provided by the laws of the State wherein such property or material lies: *Provided, however,* That when the owner of such property or material shall fix a price for the same which in the opinion of said officer in charge, shall be reasonable, he may take the same at such price without further delay. The Department of Justice shall represent the interests of the United States in the legal proceedings under this act.

Proviso.

Des Moines Rapids Canal, St. Mary's Falls Canal, and Louisville and Portland Canal; Secretary of War to prescribe rules and regulations governing the use, etc., of.

SEC. 7 That it shall be the duty of the Secretary of War to prescribe such rules and regulations in respect to the use and administration of the Des Moines Rapids Canal, the Saint Mary's Falls Canal, and the Louisville and Portland Canal, as in his judgment the public necessity may require; which rules and regulations shall be posted in some conspicuous place for the information of the public. Any person knowingly and wilfully violating such rules and regulations shall be liable to fine not exceeding five hundred dollars, or imprisonment not exceeding six months; to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

Penalty for violation.

Bridges over navigable rivers of U. S. obstructing navigation; companies owning to construct and maintain booms, dikes, and other aids to free navigation.

SEC. 8 That whenever the Secretary of War shall have good reason to believe that any railroad or other bridge now or hereafter to be constructed over any of the navigable waters of the United States, under authority of the United States or of any State or Territory, is an obstruction to the free navigation of such waters, by reason of difficulty in passing the draw-opening or the raft-span of said bridge, by rafts, steamboats, or other water-craft, it shall be the duty of the said Secretary, on satisfactory proof thereof, to require the company or persons owning, controlling, or operating said bridge to cause such aids to the passage of said draw-opening or of said raft-span, or of both said draw-opening and raft-span to be constructed, placed, and maintained, at their own cost and expense, in the form of booms, dikes, piers, or other suitable and proper structures for the guiding of said rafts, steamboats, and other water-craft safely through said opening or span, or both said opening or span, as shall be specified in his order in that behalf; and on failure of the company or persons aforesaid to make and establish such additional structures within a reason-

Failure to construct, maintain, etc., penalty.

able time, the said Secretary shall proceed to cause the same to be built or made at the expense of the United States, and shall refer the matter without delay to the Attorney-General of the United States, whose duty it shall be to institute, in the name of the United States, proceedings in any circuit or district court of the United States in which such bridge, or any part thereof, is located, for the recovery of the cost thereof; and all moneys accruing from such proceedings shall be covered into the Treasury of the United States: *Provided*, That no greater sum than fifteen thousand dollars shall be required to be expended upon any one bridge in a single year: *Provided further*, That such sum of money as may be necessary to execute the provisions of this act is hereby appropriated, out of any money in the Treasury of the United States not otherwise appropriated, to be paid on the requisition of the Secretary of War.

Proviso.

Appropriation.

Examinations and surveys—

SEC. 9 That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys or both, and estimates of cost of improvements proper to be made, at the following points, namely:

Alabama.

ALABAMA.

Mobile River and Harbor, from lower anchorage up to the northern limits of the city of Mobile, with a view to securing twenty-three feet depth of water.

Arkansas.

ARKANSAS.

Little Red River.
Red River, above Fulton.
Petit Jean River.
Bayou Bartholomew, from present head of navigation to Lincoln County line.

California.

CALIFORNIA.

Islias Creek, off San Francisco Bay.
Yuba River.
San Mateo River.
Napa River, from the mouth thereof to Napa City.

Connecticut.

CONNECTICUT.

Breakwater at Falkner's Island.
River and harbor at Niantic.

Delaware.
Maryland.
Virginia.

DELAWARE, MARYLAND, AND VIRGINIA.

Lewes Creek and Rehoboth Bay, Delaware, Assateaque and Chincoteaque Bays, Maryland, with a view to form continuous inland navigation from Chincoteaque Bay, in Virginia to Delaware Bay, at or near Lewes, Delaware.

FLORIDA.

Examinations and surveys—Continued. Florida.

Outer and inner bar at the entrance of Pensacola Harbor;
Anclote Harbor;
Clearwater Harbor.
Wekeiva River.
Saint Augustine Harbor.
Musquito Inlet.
Amelia and Wacissa rivers.
Homosassa Bay.
For canal and inland communication from the St. John's River through Musquito Lagoon and Indian River to Jupiter Inlet and Lake Worth, Florida.
Charlotte Harbor, Florida.

GEORGIA.

Georgia.

Darien Harbor and the Altmaha River, from Darien to its mouth.
Upper Oconee River, from Skull Shoals to the Georgia Railroad Bridge.

ILLINOIS.

Illinois.

Calumet River, from a point half a mile east of Hammond to the forks of the river. Also to make survey of proposed ship canal from Calumet River to Lake Calumet.
Sny Island Levee on the Mississippi River; and the Secretary of War shall report what benefit, if any, this levee has been to the improvement of the channel and navigation of the river, and he shall submit an estimate of the probable cost of strengthening and preserving said levee so as to assure and maintain that benefit.
Shawneetown Harbor and Levee.
Removal of the bar and obstructions at and near the mouth of Whipple Creek, in Quincy Bay.

IOWA.

Iowa.

From Guttenberg north for the ascertainment of needed improvements and in securing a direct channel pointing to Guttenberg and by way of that channel south, and the protection of improvements already made at that locality.

INDIANA.

Indiana.

Lawrenceburg Harbor.
Kankakee River.
New Albany Harbor and the river and shores adjacent to said harbor.
Wolf Lake.
Wabash River, from Logansport to Delphi.

KENTUCKY.

Kentucky.

For examination and survey of the bar in the Ohio River opposite the mouth of the Licking River, to determine the cost and practicability of removing or making a navigable

Examinations and surveys—Continued.

channel through the same; and the engineer in charge shall report whether it is practicable to connect the navigation of the Licking River with the Ohio River without the removal of the said bar or making a channel through the same.

The Secretary of War is hereby directed to report to Congress at its next session, or sooner if practicable, the condition of Green and Barren Rivers, and the Cumberland River above the mouth of the Jellico, in Kentucky, and the provisions and estimate of cost necessary to relieve the same from incumbrance, with a view to such legislation as will render the same free to commerce at the earliest practicable period.

Harbor at Paducah.
Harbor at Owensboro'.
Little River.
Rough River.

Louisiana.

LOUISIANA.

Bayou Plaquemine.
Atchafalaya River, above Berwick Bay.
Outlets of Boeuf River, with view to closing same.
Bayou Carlin.
Natalbany River.

Maine.

MAINE.

Saco River.
York Harbor.
Wood Island Harbor.
Southern entrance to Owl's Head Harbor.

Maryland.

MARYLAND.

Tuckahoe Creek.
Skipton Creek.
Sassafras River, above Georgetown.
Harbor at Easton Point, commencing at a point on Third Haven River where the Government work on the channel of said river was recently suspended.
Pocomoke River and Sound.

Massachusetts.

MASSACHUSETTS.

Harbor at Gloucester, with a view to the removal of rock obstructions.
Fort Point Channel.
Powwow River.
Harbor at Salem, with a view to building a jetty running out from the mainland to deep water.
Harbor at Marblehead, for repair of sea-wall.
Harbor at Hingham.
Harbor at Hyannis, with a view of deepening the harbor.
A channel from Goose Point, in Plymouth Harbor, to the wharf of the Cordage Company.

Examinations and surveys—Continued.

MICHIGAN.

Michigan.

The State of Michigan having tendered to the United States the balance of tolls received by the State before the surrender of the Saint Mary's Falls Ship-Canal, to aid in constructing a dry-dock at the canal, such balance being about sixty thousand dollars, the Secretary of War is directed to cause plans, estimates, and specifications for such dry-dock, above the locks, and also to report whether the old locks can be used for a dry dock, and the cost of fitting the same for that purpose.

Lac La Belle Harbor.

Mackinac Harbor; and report whether Mackinac Harbor or Mackinac Island Harbor should be improved.

Little Traverse Bay, near the village of Petoskey, with a view to constructing a harbor of refuge.

Pine River, St. Clair County.

Clinton River.

Saint Clair River: Examination and survey of the right bank from Lake Huron to Lake Saint Clair, to ascertain whether the erosion and wearing away of said bank is injuring the navigation of Saint Clair River and Saint Clair Flats Canal by shoaling the channel and obstructing navigation therein, and to report estimates of expense for preventing such injury.

For a further and more complete survey for a breakwater at or near Cross Village, in Michigan, in the west part of the Straits of Mackinac, with a view of making a harbor of refuge at Cross Village, Michigan.

MINNESOTA.

Minnesota.

Agate and Burlington Bay.

Minnesota, and Minnesota and Wisconsin, Saint Louis Bay, and Saint Louis River, from Connor's Point, Wisconsin, and Rice's Point, Minnesota, to foot of first falls.

Big Stone Lake, and Lake Traverse, with a view to connecting them.

MISSISSIPPI.

Mississippi.

Bayou Pierre.

Deer Creek.

Pascagoula River, from the mills at Moss Point down to the anchorage in the bay, with a view to securing a uniform depth of twelve feet of water.

Back Bay at Handsboro'.

Homochitto and Buffalo Rivers.

Cassidy's Bayou.

MISSOURI.

Missouri.

Yazoo Pass, to determine the cost of a lock at that place.

Osage River, from mouth to Linn Creek, with a view to movable locks and dams.

Nish-na-botna River, with a view to increasing the depth of channel in the Missouri River.

Examinations and surveys—Continued.

New Hampshire.

NEW HAMPSHIRE.

Harbor at Portsmouth, from the sea to the wharf.

Little Harbor at Portsmouth, with a view to its improvement as a harbor of refuge.

Winnipeseogee Lake, at a point called "The Weirs."

New Jersey.

NEW JERSEY.

Hudson River, on the New Jersey side, from Weehawken to Bergen Point, Hudson County, New Jersey, with a view to deepening the water at the wharf on that side.

Corson's Sound and Townsend Inlet.

Mouth of Salem River.

Harbor of Atlantic City at Absecon Inlet.

New York.

NEW YORK.

Huntington Harbor.

Horton's Point, near Dutch Pond Point, for breakwater.

Salmon River, at and below Fort Covington.

Whitehall Harbor.

Lake Champlain, at Four Channels.

Hudson River, from Troy to mouth of canal.

Scajaquada Creek, at Buffalo.

Baldwin River, at Baldwin Station, to connect with Long Beach.

Mouth of the Saranac River, at Plattsburgh.

Niagara River, from Youngstown to Lake Ontario.

Mouth of Salmon River, and the inner natural harbor thereat, on Lake Ontario, New York, with a view of making a harbor of refuge for vessels in distress and for purposes of commerce and navigation.

North Carolina.

NORTH CAROLINA.

Black River.

Pasquotank River, above mouth of canal.

Perquimons River, above Hartfort.

Green River.

Cashie River, from its mouth to the town of Windsor, in Bertie County.

Bouge Sound, between New River and Beaufort.

Northeast branch of Cape Fear River, resurvey.

Ohio.

OHIO.

Scioto River.

Muskingum River.

At Cleveland, Ohio, on the opening and improving of the channel known as the old "river bed" of the Cuyahoga River.

Oregon.

OREGON.

Bar at the mouth of the entrance to Nehalim Bay and River.

Examinations and surveys—Continued.

PENNSYLVANIA. Pennsylvania.

West Branch of the Susquehanna River, between Salt Lick and Buttermilk Falls.

RHODE ISLAND. Rhode Island.

Pawcatuck River.
Warren River, with a view to the removal of obstructions from the channel.

SOUTH CAROLINA. South Carolina.

North Fork of the Edisto River, in the counties of Orangeburg and Lexington.
Congaree River.
Entrance to Winyaw Bay, near Georgetown.

TENNESSEE. Tennessee.

Elk River, Tennessee and Alabama.
Holston River.
Extension of the survey of Caney Fork River to Frank's Ferry.

TEXAS. Texas.

Cypress Bayou: The Secretary of War is hereby directed to cause a resurvey of the work of improvement of the navigation of Cypress Bayou and the lakes between Jefferson, in Texas, and Shreveport, in Louisiana, in order to ascertain if the necessary improvement cannot be made upon some other plan than building a dam across the Albany Flats, as recommended by the engineer; and for this purpose he is hereby authorized and directed to expend so much of the unexpended balance of appropriations to the credit of said work as may be necessary.

VERMONT. Vermont.

Maquam Bay, Swanton.

VIRGINIA. Virginia.

Cockpit Point, for ice-harbor.
Colonial Beach, formerly White Point, in county of Westmoreland.

WEST VIRGINIA West Virginia.

Green Brier River.

WISCONSIN. Wisconsin.

Ashland Harbor, in Ashland Bay, Lake Superior.

IDAHO TERRITORY. Idaho.

Cœur d'Alene Lake and River.
Saint Joseph's River.
Snake River, between Lewiston and mouth of Boise River.

Examinations and surveys - Continued.

WASHINGTON TERRITORY.

Washington Territory.

Olympia Harbor.
Puyallup River.
Willapah River.
Lewis River.
Columbia River, above mouth of Snake River.

Appropriation for examinations, surveys, etc., not otherwise provided for.

For examinations, surveys, and contingencies, and for incidental repairs, for which there is no special appropriation, for rivers and harbors, one hundred and twenty-five thousand dollars: *Provided*, That no survey shall be made of any harbors or rivers until the Chief of Engineers shall have directed a preliminary examination of the same by the local engineer in charge of the district, or an engineer detailed for the purpose; and such local or detailed engineer shall report to said Chief of Engineers whether, in his opinion, said harbor or river is worthy of improvement, and shall state in such report fully and particularly the facts and reasons on which he bases such opinion, including the present and prospective demands of commerce. And it shall be the duty of the Chief of Engineers to direct the making of such survey if, in his opinion, the harbor or river proposed to be surveyed be worthy of improvement by the General Government; and he shall report to the Secretary of War the facts, and what public necessity or convenience may be subserved thereby, together with the full reports of the local engineer. Said reports of preliminary examinations and surveys shall be made to the House of Representatives, and are hereby ordered to be printed when so made.

Proviso.

Preliminary examinations, reports of, to be made to Congress; printing.

Appropriations immediately available.

SEC. 10 That all moneys hereby appropriated shall be immediately available.

Approved, July 5, 1884.

July 5, 1884.

Vol. 23, p. 154.

CHAP. 231.—An act granting the consent of Congress to the Saint Cloud Water Power and Mill Company to construct a dam across the Mississippi River at Saint Cloud, Minnesota.

Construction of dam, etc., across the Mississippi River, Saint Cloud, Minn., authorized.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of Congress is hereby granted to the Saint Cloud Water Power and Mill Company to construct across the Mississippi River, at some point within the incorporated limits of the city of Saint Cloud, a dam, canal, and works necessarily incident thereto, for water-power and other purposes, and in connection therewith a wagon and foot-bridge for public travel: *Provided*, That said dam shall be so constructed as not to interfere with the existing dam and mill at Sauk Rapids, and so that the Government of the United States can at any time construct in connection therewith a suitable lock for navigation purposes: *Provided also*, That the Government of the United States may at any time take possession of said dam, and control the same for purposes of navigation, by paying said company the actual cost of the same, but shall not do so to the destruction of the water-power created by said dam: *Provided further*, That the works be constructed so as to provide for

Wagon and foot bridge.

Proviso.

Not to interfere with dam and mill at Sauk Rapids.

Proviso.

Rights of Government of United States reserved.

Proviso.

the free passage of saw-logs and rafts, and, when necessary, to permit the passage of boats; and, further, that such changes or modifications in the works as the Secretary of War may from time to time deem necessary in the interest of navigation shall be made, at the expense of the water-power company: *Provided further*, That in case of any litigation arising from the obstruction of the channel by the dam, canal, or bridge, the cause may be tried in the district court of the United States in which the works are situated.

Free passage of saw-logs, rafts, etc.

Proviso.

SEC. 2. That the right to amend, alter, or repeal this act is hereby expressly reserved.

Approved, July 5, 1884.

CHAP. 332.—An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, and for other purposes

July 7, 1884.

Vol. 23, p. 194.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated for the objects hereinafter expressed for the fiscal year ending June thirtieth, eighteen hundred and eighty-fiv namely:

Appropriations. Sundry civil expenses.

* * * * *

For the Mississippi River Commission, as follows:

For salaries and traveling expenses of the Mississippi River Commission, and for salaries and traveling expenses of assistant engineers under them, and for office expenses and contingencies, seventy-five thousand dollars.

Mississippi River Commission.

* * * * *

To reimburse and pay the Hartford and New York Transportation Company for labor and money expended in removing obstructions and dredging and improving the bars and piers in the Connecticut River. below Hartford, in eighteen hundred and eighty-two and eighteen hundred and eighty-three, under the advice and by the recommendation of the United States engineer officers in charge, six thousand four hundred and seventy-nine dollars and thirty-two cents.

Hartford and New York Transportation Company; payment to.

To reimburse and pay the Hartford and New York Transportation Company for money expended in maintaining a temporary light on the breakwater at the mouth of the Connecticut River from February first, eighteen hundred and seventy-nine, to February first, eighteen hundred and eighty-four, while the work was in progress, and under an arrangement with the United States engineer officers in charge of the work, the same to be paid from the unexpended appropriation for the erection of a Government light there, made in eighteen hundred and eighty-two, and to be immediately available, two thousand one hundred and twenty-four dollars.

Reappropriated. (See 1884-5, ch. 360.)

* * * * *

Approved, July 7, 1884.

Dec. 20, 1884.
Vol. 23, p. 280.

CHAP. 4.—An act granting the right of way to the city of Newport, Rhode Island, over the breakwater at Goat Island.

Right of way granted to the city of Newport, R. I., across breakwater at Goat Island for drainage.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the city of Newport, Rhode Island, is hereby granted the right to construct and maintain a sewer for drainage purposes through or across the breakwater at Goat Island, subject to such conditions as the Secretary of War may prescribe:

Proviso.

Provided, That such conditions shall be accepted by the city of Newport before the work herein authorized shall be commenced.

Approved, December twentieth, 1884.

March 3, 1885.
Vol. 23, p. 446.

CHAP. 359.—An act making appropriations to supply deficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, and for prior years, and for other purposes.

Deficiency appropriation for year ending June 30, 1885, and for prior years.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, to supply deficiencies in the appropriations for the fiscal year eighteen hundred and eighty-five, and for other objects hereinafter stated, namely:

* * * * *

Attorney-General of U. S. to investigate judgments, etc., against United States, arising under act approved 1875, vol. 18, ch. 166, p. 506, and report to Congress.

The Attorney General of the United States is required to investigate the judgments and awards against the United States arising under an act of Congress entitled "an act to aid in the improvement of the Fox and Wisconsin Rivers in the State of Wisconsin" approved March third, eighteen hundred and seventy-five, and to report to Congress at its next session whether the liability of the United States therefor is established and what amount is justly due thereon.

* * * * *

Approved, March 3, 1885.

March 3, 1885.
Vol. 23, p. 473.

CHAP. 360.—An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-six, and for other purposes.

Appropriations for sundry civil expenses for year ending June 30, 1886.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated for the objects hereinafter expressed for the fiscal year ending June thirtieth, eighteen hundred and eighty-six, namely:

* * * * *

Hartford and New York Transportation Company, payment to.

That the Secretary of the Treasury is hereby authorized to issue a warrant in favor of the Hartford and New York Transportation Company for the sum of six thousand four hundred and seventy-nine dollars and thirty-two cents, which sum is hereby reappropriated, being the amount appropriated for said Hartford and New York Transportation

Company under the act approved July seventh, eighteen hundred and eighty-four, making appropriations for sundry civil expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, and for other purposes, and now unpaid.

Pamphlet laws, 48th Congress, 1st sess., ch. 332, p. 224.

* * * * *

UNDER THE WAR DEPARTMENT.

* * * * *

NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS.

* * * * *

For current expenses, * * * at the Southern Branch; at Hampton, Virginia, * * *

Hampton, Va.

For extension of breakwater, five thousand dollars;

Extension of breakwater.

* * * * *

Approved, March 3, 1885.

CHAP. 71.—An act granting the right of way to the Schuylkill River East Side Railroad Company through the arsenal and naval asylum grounds at Philadelphia, Pennsylvania.

May 1, 1886.

Vol. 24, p. 17.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Schuylkill River East Side Railroad Company is hereby authorized to construct its railroad across the grounds of the United States forming a part of the grounds of the naval asylum and of the arsenal at Philadelphia, in the State of Pennsylvania;

Right of way granted to the Schuylkill River East Side Railroad Company across arsenal and naval asylum grounds, Philadelphia, Pa.

* * * * *

And provided further, That in the construction of said road through said grounds the said company shall be required to construct thereon a bulkhead upon the bulkhead line on the Schuylkill River, as fixed by the port-wardens of the city of Philadelphia.

Bulkhead.

* * * * *

Approved, May 1, 1886.

CHAP. 49.—An act to authorize the Mississippi Water-Power and Boom Company, of Brainard, Minnesota, to construct a dam across the Mississippi River.

April 15, 1886.

Vol. 24, p. 12.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the consent of the Government is hereby given to the Mississippi Water-Power and Boom Company of Brainard, Minnesota, to construct across the Mississippi River, at some point not more than two miles from the limits of said city of Brainard, to be approved by the Secretary of War, a dam, canal and the appurtenances thereof, for water-power and other purposes, and in connection therewith a

Dam across Mississippi River may be built by Mississippi Water-Power and Boom Company, of Brainard, Minn.

Canal and bridge.

Provisos.

wagon and foot bridge for public travel: *Provided*, That the Government of United States may at any time construct in connection therewith a suitable lock for navigation purposes: *Provided also*, That the Government of the United States may at any time take possession of said dam and control the same for purposes of navigation, by paying said company the actual cost of the same, but shall not do so to the destruction of the water-power created by said dam: *Provided further*, That the Secretary of War may at any time require and enforce, at the expense of the owners, such modification and changes in the construction of said dam as he may deem advisable in the interests of navigation; and that said dam shall, if necessary, be so built that boats and rafts may pass through the same, without the imposition of any toll or charge: *And provided further*, That all suits relative to any obstruction of navigation arising from said dam may be tried in the United States circuit and district courts for Minnesota.

Lock.

Government may take possession.

Navigation.

Litigation.

Right to amend, etc., reserved.

SEC. 2. That the right to alter, amend, or repeal this act is hereby expressly reserved without any claim of any kind arising in favor of any party in consequence of such amendment or repeal.

Approved, April 15, 1886.

May 1, 1886.

Vol. 24, p. 17.

CHAP. 70.—An act authorizing the partition of certain land in Louisville, Kentucky, belonging jointly to John Echols and the Government of the United States.

Partition of land owned by John Echols and the United States, in Louisville, Ky.

Preamble.

Whereas a tract of ground situated in Louisville, Kentucky, adjoining the Louisville and Portland Canal, and known as "Rowan's Basin," is owned by the United States of America and by John Echols in the following proportion and under the following conveyances, to wit: The United States, as the proprietor of the Louisville and Portland Canal and the owner of all the stock of the Louisville and Portland Canal Company, owns an undivided three-eighths of said real estate, by virtue of the following deeds: One from R. H. Campbell and others to the Louisville and Portland Canal Company, recorded in deed-book numbered one hundred and thirty-five, page four hundred and twenty-three, and one from George H. Douglas to said canal company, recorded in deed-book numbered one hundred and thirty-seven, page four hundred and two, both in the Jefferson County, Kentucky, clerk's office; and said John Echols owns an undivided five-eighths of said real estate, under and by virtue of the following deeds to him, to wit: One from Eliza H. Boon and others, recorded in deed-book numbered two hundred and fifty-five, page one hundred and thirty-four; one from Rebecca B. Rowan, trustee, and others, recorded in deed-book numbered two hundred and fifty-four, page three hundred and eighty-two; one from Rowan Buchanan and others, recorded in deed-book numbered two hundred and fifty-four, page three hundred and sixty-two; and one from Samuel J. Broadwell and others, recorded in deed-book numbered two hundred

and fifty-four, page six hundred and two, all in the Jefferson County, Kentucky, clerk's office; and it is to the interest of both parties that partition shall be made of said real estate: Therefore,

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War of the United States is hereby authorized and empowered to agree with said Echols, his heirs or his assigns, upon such partition of said real estate as may seem to the Secretary of War to be just and proper, and may, in the name of and on behalf of the United States of America, make, execute, and deliver to said Echols, his heirs or his assigns, and receive from him or them, such deed of conveyance as may effectuate the partition herein provided for.

Secretary of War to agree with Echols as to partition.

SEC. 2. That this act shall take effect from its passage.

Approved, May 1, 1886.

CHAP. 377.—An act making appropriation to supply deficiency in amount required for expenditure to June thirtieth, eighteen hundred and eighty-six, for examination and surveys required by acts of March third, eighteen hundred and seventy-five, and June nineteenth, eighteen hundred and seventy-eight, to ascertain depth of water and width of channel at South Pass of Mississippi River.

May 26, 1886.

Vol. 24, p. 70.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sum be, and the same is hereby, appropriated out of any money in the Treasury not otherwise appropriated, to wit: To supply deficiency in amount required for expenditure to June thirtieth, eighteen hundred and eighty-six, for examinations and surveys required by the acts of March third, eighteen hundred and seventy-five, and June nineteenth, eighteen hundred and seventy-eight, to ascertain the depth of water and width of channel secured and maintained from time to time by James B. Eads at South Pass of the Mississippi River, and to enable the Secretary of War to report to Congress during the maintenance of the work, six thousand four hundred and ninety-two dollars.

South Pass, Mississippi River.

Deficiency appropriation for examination and surveys to ascertain depth of water and width of channel.

Vol. 18, p. 463.

Vol. 20, p. 168.

SEC. 2. That the money hereby appropriated shall be immediately available.

Appropriation immediately available.

Approved, May 26, 1886.

CHAP. 623.—An act to authorize the improvement of the water-power of the Mississippi River at Little Falls, Minnesota.

July 3, 1886.

Vol. 24, p. 123.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be lawful for the Little Falls Water-Power Company of Minnesota to improve and develop the water-power of the Mississippi River at Little Falls, in the State of Minnesota, by constructing, maintaining, and operating in said river, at said Little Falls, dams, piers, sluice ways, canals, locks, ponds, break-waters, abutments, and mill sites fo-

Little Falls Water-Power Company may build dam, etc., at Little Falls, Mississippi River, Minn.

Provisos.

Sluice-way, etc., for passage of logs, etc.

Changes.

manufacturing purposes: *Provided*, That there shall be placed and maintained in connection with said dam and other works a sluice-way, lock, or other fixture sufficient and so arranged as to permit logs, timber, and lumber to pass around, through, or over said dam or other works without unreasonable delay or hindrance, and without tolls or charges: *Provided, further*, That the Secretary of War may at any time require such changes and alterations to be made in said works, at the expense of said water-power company, as he may deem advisable and necessary in the interest of navigation.

SEC. 2. That the right to alter, amend, or repeal this act is hereby expressly reserved.

Approved, July 3, 1886.

August 2, 1886.

Vol. 24, p. 214.

CHAP. 843.—An act to authorize the Secretary of War to permit the Carrollton and Lock Number One Turnpike Road Company to locate and construct its road on land belonging to the United States at Lock Number One, on the Kentucky River, in the State of Kentucky.

Right of way to Carrollton and Lock No. 1 Turnpike Road Company through United States land at Lock No. 1, Kentucky River, Ky.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of War be, and is hereby, authorized and empowered to permit the Carrollton and Lock Number One Turnpike Road Company to locate and construct its road through the land belonging to the United States at Lock Number One, on the Kentucky River, in the State of Kentucky, upon such terms and conditions as he may consider proper: *Provided*, That said road shall not be so located or constructed as to obstruct the use of the said land by the United States for public purposes.

Proviso. Location.

Approved, August 2, 1886.

August 4, 1886.

Vol. 24, p. 256.

CHAP. 903.—An act making appropriations to supply deficiencies in the appropriations for the fiscal year ending June thirtieth, eighteen hundred and eighty-six, and for prior years, and for other purposes.

Deficiency appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, out of such money in the Treasury not otherwise appropriated, to supply deficiencies in the appropriations for the fiscal year eighteen hundred and eighty-six, and for other objects hereinafter stated, namely:

* * * * *

Payment of judgments, etc., on account of overflowed lands, by reason of Government dam at Menasha, Wis.

Vol. 23, p. 451.

For payment of judgments and awards recovered against the United States reported by the Attorney-General under the provisions of chapter three hundred and fifty-nine of the laws of eighteen hundred and eighty-five, approved March third, eighteen hundred and eighty-five, Executive Document (first session Forty-ninth Congress) number two hundred and seven, as follows: To pay Augustus G. Ruggles amount of judgment recovered by him against the United States for damages and costs, twenty-two thousand

two hundred and eighty-seven dollars and six cents; to pay James K. Pumpelly, Edwin C. Gray, and Frank L. Jones, as administrator of the estate of George J. Pumpelly, deceased, amount of judgment recovered by them against the United States, December thirteenth, eighteen hundred and seventy-six, ten thousand one hundred and sixty-four dollars and fifty-seven cents; to pay John S. McDonald amount awarded him against the United States, November thirteenth, eighteen hundred and seventy-five, for flowage of lands by reason of Government dams at Menasha, Wisconsin, seventeen thousand five hundred and eighty-seven dollars and seventy-three cents; to pay Peter Armand amount awarded him against the United States, November thirteenth, eighteen hundred and seventy-five, for flowage of lands by reason of Government dams at Menasha, Wisconsin, two hundred and sixty-eight dollars and eighty cents; to pay Fisher Jewson amount awarded him against the United States, November thirteenth, eighteen hundred and seventy-five, for flowage of lands by reason of Government dams at Menasha, Wisconsin, three hundred and eighty-four dollars; to pay Richard Jewson and Richard Jewson, junior, amount awarded therein against the United States, November thirteenth, eighteen hundred and seventy-five, for flowage of lands by reason of Government dams at Menasha, Wisconsin, six hundred and fourteen dollars; to pay J. D. Bud amount awarded him against the United States, October fourteenth, eighteen hundred and seventy five, for flowage of lands by reason of Government dams at Menasha, Wisconsin, four hundred and fifty dollars.

Judgments against United States for damages caused by improvement of Fox and Wisconsin Rivers.

For payment of unappealed awards and judgments rendered against the United States for flowage damages caused by the improvement of the Fox and Wisconsin Rivers, in the State of Wisconsin, as follows: William H. Jenkyns, nine hundred and sixty dollars; Charles Miller, four hundred dollars; George H. Mansur, seven hundred and seventy-two dollars and fifty cents; Edley Payne, one thousand one hundred dollars; Peter Grattan, seven hundred and five dollars; John N. Kid, nine hundred dollars; Kate Jenkyns, two hundred dollars; William Clements, three hundred and ten dollars; Frank Walker, four hundred and fifty-five dollars and fifty cents; L. H. Eaton, six hundred and eighty-seven dollars and fifty cents; Tilly Walker, five hundred dollars; Tertullius Spaulding, nine hundred and ten dollars; E. P. and William Sill, four hundred and thirty dollars; William Sill, seven hundred and sixty dollars; Amos D. Page, seven hundred and sixty dollars; Patrick Hussey, thirty dollars; Joseph Strobe, nine hundred and sixty dollars; R. J. Radick, one hundred and thirty-five dollars; Samuel Neff, four hundred and fifty-five dollars; Patrick Morrissey, executor of the last will and testament of Patrick Hayes, deceased, two hundred and sixty-five dollars; J. A. Sanford, two hundred and fifty dollars; George Allanson, one hundred and twenty-five dollars; Michael Clarey, two hundred and thirty dollars; Helen B. Chapman, nine hundred and forty dollars; Andrew Frederichson, nine hundred and five dollars; J. H. Porter, one thou-

Judgments against United States for damages caused by improvement of Fox and Wisconsin Rivers—Continued.

sand one hundred and eighty-five dollars; Gustave Ehrlich, one hundred and thirty-five dollars; Dennis Cushing, three hundred and seventy dollars; John Cushing, five hundred dollars; James Durick, one hundred dollars; William Cushing, two hundred and ninety dollars; William Geary, two hundred and eighty dollars; Oliver Dempsey, two hundred dollars; Catherine Cavanaugh, three hundred dollars; James Durick, four hundred and twenty dollars; John F. Seymour, two hundred dollars; W. M. Sinclair, one hundred dollars; costs on appeal to superior court, one hundred and fourteen dollars and sixty-five cents; M. Aukland, eighty dollars; Aaron Walker, two hundred dollars; Jane J. Thomas, administratrix of the estate of Thomas J. Thomas, two hundred dollars; August Frohne, one hundred and fifty dollars; W. R. and J. M. Edwards, one hundred dollars; Henry Floyd, one hundred and forty dollars; Martha Hanson, eighty dollars; Robert Edwards, two hundred dollars; F. Chamberlain, fifteen dollars; Cornelius Spoor, thirty dollars and twelve cents; Wesley Horton, twenty-eight dollars and ten cents; Frederick Bandt, one hundred and forty-five dollars; William Page, one hundred and fifty dollars; August Zulk, one hundred dollars; Anton Rumpler and August Zelmer, thirty-seven dollars and fifty cents; Martin Matz, three hundred dollars; John Karon one hundred and thirty dollars; Martin Tinde, seventy-five dollars; Julius Liebig, one hundred and sixty dollars; Louis Kranz, seventy-five dollars; Herman Esmer, fifty dollars; August Swanke, two hundred dollars; John Hursley, Fred Radtkin, and Martin Radkie, one hundred dollars; William Spooner, one hundred dollars; Franz Zuilki, one hundred dollars; Juliana Countryman, two hundred dollars; Joseph Guderski, twenty dollars, Frederick Boick, one hundred and eighty dollars; William Fuchs, seventy-five dollars; John O. Borst, one hundred and seventy-five dollars; S. A. Hake, twenty-five dollars; Ephraim Mueller, two hundred and fifty dollars; August Behm, one hundred and twenty-five dollars; G. H. Behm, sixty-five dollars; Caroline Fuller, sixty-five dollars; Earnest Lambrecht, one hundred dollars; John Larson, two hundred and twenty-five dollars; Christian Temple, two hundred and thirty-three dollars; S. Y. Judd, five hundred dollars; Elizabeth Owens, three hundred dollars; Henry Tolby and Ferdinand Retz, appealed, two hundred and fifty dollars; John Jones, three hundred and fifty dollars; John Michaels, one hundred and twenty-four dollars; D. S. Kissam, four hundred and fifty dollars; Julia Hopp, one hundred dollars; Adam McKittrick, four hundred dollars; James Lynch, three hundred dollars; Earnest Liebenhauer, three hundred dollars; John B. Wyso, one hundred dollars; William McClelland, fifty dollars; William Zanto, two hundred dollars; Michael Glynn, seventy-five dollars; Hollis Stedman, fifty dollars; J. J. Keen, one hundred dollars; Datis E. Lewis, one hundred and twenty-five dollars; Alonzo D. Payne, two hundred dollars; Francis L. Smith, Erastus H. Payne, and Horace D. Smith, two hundred and sixty dollars; Amos C. Brown and Lucy Brown, one hundred and seventy-five

Judgments against United States for damages caused by improvement of Fox and Wisconsin Rivers—Continued.

dollars; William Stewart, one hundred and twenty dollars; Joseph M. Hodgkins and Samuel C. Hall, twenty dollars; John McClelland fifty dollars; Henry Falbe, or Phelps, fifty dollars; Tracy W. Lewis, seventy dollars; C. A. Peck, two hundred dollars; E. H. Payne and Sarah E. Rigley, eighty dollars; W. J. Middleton, one hundred and fifty dollars; Vincent S. Sawinski, fifty dollars; John Rude, eighty dollars; Hugh Lynch, fifty dollars; William Gordon, two hundred dollars; Thomas J. Dewey, one hundred and fifty dollars; Amanda A. Bugh, one hundred and fifty dollars; Henry Basing, one hundred dollars; Ferdinand Marion, one hundred and fifty dollars; N. M. Dodson, one hundred and fifty dollars and ninty cents; George Fitch and D. W. C. Palmeter, seventy-five dollars; Mrs T. W. Marsh, seventy-five dollars; Gustave Raasch, sixty dollars; W. J. Frank, one hundred and twenty-five dollars; Edward Teske and Gustave Teske, one hundred and seventy-five dollars; De Los Maxon, one hundred dollars; Joseph Melodzck, two hundred and five dollars; Lea Kennan, nine hundred and twelve dollars; Charles H. Kempley, five hundred and ninty-five dollars and twenty-five cents; Anna Eliza Page and Margaret Jane Page, six hundred dollars; John Roger, three hundred and thirty-eight dollars and fifty cents; Edward McCaffery and Asiel Waldo, two hundred and sixty-three dollars and twenty cents; Abraham Seaman, six hundred and forty-three dollars and fifty-four cents; Samuel Phoenix, three hundred and fourteen dollars and fifty cents; Harriet B. Cramer, fifty-three dollars and four cents; Isaac Pickering, one hundred and eighteen dollars and sixty-six cents; Jane Pickering, one hundred and seven dollars and twenty-seven cents; F. B. Hawes, four hundred and thirty dollars and thirty-five cents; Lyman R. Slade, one hundred and twenty-six dollars and ninty-nine cents; A. W. Whitson and T. Whitson, two hundred and ninty dollars and seventy cents; Charles Metcalf, four hundred and six dollars and thirteen cents; Elizabeth Morris, sixty-five dollars; Margaret Bohrner, Theodore Bohrner, and Frank Bohrner, three hundred and ninty-two dollars and thirty cents; Spencer A. Pease, three hundred and seventy-five dollars; Henry W. Rockafellow, one hundred and forty-eight dollars and sixty cents; John and Richard Mee and F. A. Kendall, two hundred and forty-one dollars and sixty cents; C. C. Mathers, three hundred and thirty-two dollars and twenty five cents; Eli McNutt, Hiram McNutt, and Angelina Waldo, nine hundred and two dollars and sixty-two cents; J. H. Merritt, four hundred and thirty-four dollars and twenty-five cents; William Hartwig, fifty dollars; John McNab, three hundred and thirty-four dollars and thirty-five cents; Mary A. Leach, one hundred and fifty dollars and forty cents; Robert Weir, six hundred and twenty-six dollars and seventy cents; Mathew Spain, fifty dollars; Wilhelmina Retz, seventy-five dollars; Andrew Kewitz, one hundred dollars; G. Liebenhauer, two hundred dollars; David Evans, five hundred dollars; Frederick Hault, two hundred and forty dollars; and a sufficient sum in addition thereto as may be

necessary to pay the interest on the judgments and awards as above provided is hereby appropriated.

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Payment of claims certified. Supplemental. Vol. 18, p. 110. Vol. 23, p. 254.

SEC. 5. That for the payment of a portion of the following supplemental list of claims, which are fully set forth in House Executive Document numbered two hundred and ninty-four, Forty-ninth Congress, first session, and are certified to be due by the accounting officers of the Treasury under appropriations the balances of which have been exhausted or carried to the surplus fund under the provisions of section five of the act approved June twentieth, eighteen hundred and seventy-four, and under appropriations heretofore treated as permanent, being for the service of the fiscal year eighteen hundred and eighty-three and prior years, and which have been certified to Congress under section two of the act of July seventh, eighteen hundred and eighty-four, there is appropriated as follows:

* * * * *

Claims allowed by Third Auditor and Second Comptroller, War Department.

WAR DEPARTMENT CLAIMS ALLOWED BY THE THIRD AUDITOR AND SECOND COMPTROLLER.

* * * * *

Umpqua River, Oregon.

For improving Umpqua River, Oregon, one dollar and forty-seven cents.

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Approved, August 4, 1886.

August 5, 1886. Vol. 24, p. 310.

CHAP. 929. An act making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes.

River and harbor appropriations. Harbors.

Be it enacted by the Senate and House of Representatives of of the United States of America in Congress assembled, That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, and to be expended under the direction of the Secretary of War, for the construction, completion, repair, and preservation of the public works herein named:

Rockland, Me.

Improving harbor at Rockland, Maine: Continuing improvement, twenty-two thousand five hundred dollars.

Saco River, breakwater, Me.

Improving breakwater at the mouth of Saco River, Maine: Continuing improvement and repairs, twelve thousand five hundred dollars.

Portland, Me.

Improving harbor at Portland, Maine: Continuing improvement, thirty thousand dollars.

Back Cove, channel, Me.

Improving the channel in Back Cove, Portland, Maine: Continuing improvement, twenty-six thousand two hundred and fifty dollars.

York, Me.

Improving harbor at York, Maine, fifteen thousand dollars.

Portsmouth, N. H.

Improving harbor at Portsmouth, New Hampshire: Continuing improvement, fifteen thousand dollars.

Little Harbor, N. H.

Improving the harbor of refuge at Little Harbor, New Hampshire; Continuing improvement, ten thousand dollars.

Improving harbor at Burlington, Vermont: Continuing improvement, eighteen thousand seven hundred and fifty dollars. Burlington, Vt.

For a breakwater at Gordon's Landing, on Lake Champlain, to be built on the twelve foot curve mentioned in the papers accompanying the report of the Secretary of War to the Senate dated March first, eighteen hundred and eighty-six (Executive Document Number Eighty-one, Forty-ninth Congress, first session), eighteen thousand seven hundred and fifty dollars. Gordon's Landing, breakwater, Lake Champlain.

Improving harbor at Boston, Massachusetts: Continuing improvement, fifty-six thousand two hundred and fifty dollars; of which eighteen thousand seven hundred and fifty dollars are to be expended at Fort Point Channel, on Part A, below Congress Street Bridge. Boston, Mass.

Improving harbor at Lynn, Massachusetts: Continuing improvement, six thousand dollars. Lynn, Mass.

Improving harbor at Nantucket, Massachusetts: Continuing improvement, fifteen thousand dollars. Nantucket, Mass.

Improving Hyannis Harbor, Massachusetts, ten thousand dollars. Hyannis Harbor, Mass.

Improving harbor at Newburyport, Massachusetts: Continuing improvement, thirty-seven thousand five hundred dollars. Newburyport, Mass.

Improving harbor at Wareham, Massachusetts: Continuing improvement, fifteen thousand dollars. Wareham, Mass.

Improving harbor at Plymouth, Massachusetts: Continuing improvement, six thousand dollars. Plymouth, Mass.

Improving harbor at Hingham, Massachusetts: Continuing improvement, six thousand dollars. Hingham, Mass.

Improving harbor at Provincetown, Massachusetts: Continuing improvement, three thousand dollars. Provincetown, Mass.

Improving harbor at Gloucester, Massachusetts, five thousand dollars; of which two thousand dollars, or so much as may be needed for a survey, and remainder on Babson's Ledge. Gloucester, Mass.

For the national harbor of refuge of the first class at Sandy Bay: Continuing improvement, one hundred thousand dollars. Sandy Bay, harbor of refuge.

Improving harbor at Scituate, Massachusetts: Continuing improvement, ten thousand dollars. Scituate, Mass.

Improving harbor at Westport, Massachusetts: Continuing improvement, one thousand dollars, for sand-fence Westport, Mass.

Improving harbor at Wood's Holl, Massachusetts: Continuing improvement, fourteen thousand five hundred dollars. Wood's Holl, Mass.

Improving harbor at Block Island, Rhode Island: Continuing improvement, twenty thousand dollars; of which eight thousand dollars shall be expended on the breakwater and twelve thousand dollars on the inner harbor. Block Island, R. I.

Improving harbor at Newport, Rhode Island: Continuing improvement, fifteen thousand dollars. Newport, R. I.

Improving harbor at Bridgeport, Connecticut: Continuing improvement, twenty thousand dollars. Bridgeport, Conn.

Improving harbor at Black Rock, Connecticut: Continuing improvement, five thousand dollars. Black Rock, Conn.

New Haven, Conn. Improving breakwater at New Haven, Connecticut: Continuing improvement, seventy-five thousand dollars.

Improving harbor at New Haven, Connecticut: Continuing improvement, twenty thousand dollars.

New London, Conn. Improving harbor at New London, Connecticut: Continuing improvement, two thousand dollars.

Norwalk, Conn. Improving harbor at Norwalk, Connecticut: Continuing improvement, three thousand dollars.

Stonington, Conn. Improving harbor at Stonington, Connecticut: Continuing improvement, twenty thousand dollars.

Stamford, Conn. Improving harbor at Stamford, Connecticut: Continuing improvement, ten thousand dollars.

Buffalo, N. Y. Improving harbor at Buffalo, New York: Continuing improvement, and repairs on the outer breakwater, one hundred and twelve thousand five hundred dollars.

Buttermilk Channel, N. Y. Improving Buttermilk channel, New York: Continuing improvement, fifty-six thousand two hundred and fifty dollars.

Rouse's Point, N. Y. Improving breakwater at Rouse's Point, New York: Continuing improvement, twenty thousand dollars.

Dunkirk, N. Y. Improving harbor at Dunkirk, New York: Continuing improvement, twenty thousand dollars.

Canarsie Bay, N. Y. Improving harbor at Canarsie Bay, New York: Continuing improvement, ten thousand dollars.

Charlotte, N. Y. Improving harbor at Charlotte, New York: Continuing improvement and repairs, twenty-six thousand two hundred and fifty dollars.

Flushing Bay, N. Y. Improving harbor at Flushing Bay, New York: Continuing improvement, ten thousand dollars.

Gowanus Bay, N. Y. Improving channel at Gowanus Bay, New York: Continuing improvement, seven thousand five hundred dollars.

Great Sodus Bay, N. Y. Improving harbor at Great Sodus Bay, New York: Continuing improvement, sixteen thousand eight hundred and seventy-five dollars.

Greenport, N. Y. Improving harbor at Greenport, New York: Continuing improvement, five thousand dollars.

Little Sodus Bay, N. Y. Improving harbor at Little Sodus Bay, New York: Continuing improvement, twelve thousand five hundred dollars.

Oak Orchard, N. Y. Improving harbor at Oak Orchard, New York: Continuing improvement by repairs, twelve thousand five hundred dollars.

Olcott, N. Y. Improving harbor at Olcott, New York: Continuing improvement and repairs, ten thousand dollars.

Wilson, N. Y. Improving harbor at Wilson, New York: Continuing improvement, ten thousand dollars.

Ogdensburg, N. Y. Improving harbor at Ogdensburg, New York: Continuing improvement, ten thousand dollars; which, together with the amount on hand, is to be used in removing obstructions from the mouth of the Oswegatchee and continuing the excavation at the lower harbor up stream.

Oswego, N. Y. Improving harbor at Oswego, New York: Continuing improvement, seventy-one thousand two hundred and fifty dollars; of which fifty-six thousand two hundred and fifty dollars to be used in repairs and fifteen thousand dollars in continuing work on the harbor.

Improving harbor at Rondout, New York: Continuing improvement, two thousand five hundred dollars. Rondout, N. Y.

Improving harbor at Saugerties, New York: Continuing improvements, fifteen thousand dollars. Saugerties, N. Y.

Improving Harbor at Sheepshead Bay, New York: Continuing improvement, five thousand dollars. Sheepshead Bay, N. Y.

Improving New York Harbor, New York: To secure a thirty-foot channel at mean low water at Sandy Hook entrance of the harbor, upon such plan as the Secretary of War may approve, seven hundred and fifty thousand dollars. New York.

Improving channel between Staten Island and the New Jersey shore, New York and New Jersey: Continuing improvement, fifteen thousand dollars. Channel, Staten Island and New Jersey.

Improving harbor at Raritan Bay, New Jersey: Continuing improvement, thirty-seven thousand five hundred dollars. Raritan Bay, N. J.

Improving harbor at Plattsburg, New York: Continuing improvement, five thousand dollars. Plattsburg, N. Y.

For a more thorough and definite survey and examination of the harbor at Atlantic City, New Jersey, with a view to making a harbor of refuge at that point, five thousand dollars; said examination and survey to be made by a board consisting of three United States engineers. Atlantic City, survey for harbor of refuge.

Improving harbor at Erie, Pennsylvania: Continuing improvement, and also for the improvement of said harbor as recommended by the Chief of Engineers, January thirteenth, eighteen hundred and eighty-five, thirty-seven thousand five hundred dollars: *Provided*, That the Secretary of War be, and he is hereby, authorized and directed to receive and accept for the United States, from the marine hospital of Erie, Pennsylvania, the title to the peninsula of Presque Isle, at Erie, Pennsylvania, as tendered by the said marine hospital, agreeably to the provisions of an act of the legislature of the State of Pennsylvania, approved May eleventh, eighteen hundred and seventy-one: *And provided further*, That twenty-two thousand five hundred dollars of said sum shall not be expended until the aforesaid title shall be accepted by the Secretary of War. Erie, Pa. *Proviso.* Title to Presque Isle to be accepted by Secretary of War.

Improving ice-harbor at Marcus Hook, Pennsylvania: Continuing improvement, fifteen thousand dollars. Marcus Hook, Pa., ice-harbor.

The Secretary of War is authorized to cede to the city of Chester, Pennsylvania, the upper and lower piers located in said city and extending into the Delaware River, and formerly used as an ice harbor. Chester, Pa., cession of piers to.

Improving Delaware breakwater, Delaware: Continuing improvement, fifty-six thousand two hundred and fifty dollars. Delaware breakwater.

Improving ice-harbor at New Castle, Delaware: Continuing improvement, five thousand dollars. New Castle, Del., ice-harbor.

Improving harbor at Wilmington, Delaware: Continuing improvement, eighteen thousand seven hundred and fifty dollars. Wilmington, Del.

Improving harbor at Baltimore, Maryland: Continuing improvement, one hundred and fifty thousand dollars. Baltimore, Md.

Breton Bay, Md.

Improving harbor at Breton Bay, Maryland: Continuing improvement, six thousand five hundred dollars.

Washington, D. C., Potomac River.

For continuing the improvement of the Potomac River in the vicinity of Washington, with reference to the improvement of navigation, the establishment of harbor-lines, and the raising of the flats, under the direction of the Secretary of War and in accordance with existing plans, three hundred and seventy-five thousand dollars: *Provided*, That no part of the sum hereby appropriated shall be expended upon or with reference to any place in respect of which the title of the United States is in doubt, or in respect to which any claim adverse to the United States has been made.

Proviso. Not to be expended where title is doubtful.

Norfolk, Va., approach to harbor and navy-yard.

Improving harbor at Norfolk, Virginia, and improving approach to Norfolk Harbor and the United States navy-yard at Norfolk: Continuing improvement by widening the channel of Elizabeth River to the port-warden's line on the eastern side, between Lambert's Point Light and Fort Norfolk, one hundred and eighty-seven thousand five hundred dollars; of which fifty thousand dollars shall be expended in improving the harbor, and one hundred and thirty-seven thousand five hundred dollars in widening the channel of Elizabeth River to the port-warden's line on the eastern side, between Lambert's Point Light and Fort Norfolk, beginning at Lambert's Point Light, including the construction of the proposed dike.

Beaufort, N. C.

Improving harbor at Beaufort, North Carolina: Continuing improvement, fifteen thousand dollars.

Edenton Bay, N. C.

Improving harbor at Edenton Bay, North Carolina: Continuing improvement, two thousand dollars.

Waterway, New Berne and Beaufort, N. C.

Improving the inland water way between New Berne and Beaufort, North Carolina, ten thousand dollars.

Charleston, S. C.

Improving harbor at Charleston, including Sullivan's Island, South Carolina: Continuing improvement, one hundred and eighty-seven thousand five hundred dollars.

Winyaw Bay, S. C.

Improving Winyaw Bay, South Carolina: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Georgetown, S. C.

Improving harbor at Georgetown, South Carolina: Continuing improvement, five thousand dollars.

Brunswick, Ga.

Improving harbor at Brunswick, Georgia: Continuing improvement, twenty-two thousand five hundred dollars.

Cumberland Sound, Georgia and Florida.

Improving Cumberland Sound, Georgia and Florida: Continuing improvement, one hundred and twelve thousand five hundred dollars.

Savannah, Ga.

Improving harbor at Savannah, Georgia: Continuing improvement, one hundred and fifty thousand dollars.

Apalachicola Bay, Florida.

Improving harbor at Apalachicola Bay, Florida: Continuing improvement, twelve thousand dollars; of which two thousand dollars may, in the discretion of the Secretary of War, be expended at the Carabello or Crooked River.

Key West, Fla., survey of entrance.

For examination and survey of the entrance to harbor at Key West, Florida, two thousand five hundred dollars.

Pensacola, Fla.

Improving harbor at Pensacola, Florida: Continuing improvement, twenty thousand dollars.

Tampa Bay, Fla.

Improving harbor at Tampa Bay, Florida: Continuing improvement, ten thousand dollars.

Improving harbor at Cedar Keys, Florida, seven thousand dollars. Cedar Keys, Fla.

Improving harbor at Mobile, Alabama: Continuing improvement, ninety thousand dollars. Mobile, Ala.

Improving harbor at Biloxi Bay, Mississippi: Continuing improvement, twelve thousand five hundred dollars; which sum, together with the money on hand heretofore appropriated for the roadstead, is hereby directed to be used in deepening the channel from Mississippi Sound to the wharves at Biloxi. Biloxi, Miss.

Improving Aransas Pass and Bay up to Rockport and Corpus Christi, Texas: Continuing improvement, one hundred and one thousand two hundred and fifty dollars. Aransas Pass, and Bay, Tex.

Improving Brazos Santiago Harbor, Texas: Continuing improvement, thirty-seven thousand five hundred dollars. Brazos, Santiago, Tex.

Improvement of entrance to Galveston Harbor, Texas: Continuing improvement, three hundred thousand dollars. Galveston, Tex.

Improving Pass Cavallo, Texas: Continuing improvement, thirty-seven thousand five hundred dollars. Pass Cavallo, Tex.

Improving Sabine Pass and Blue Buck Bar, Texas: Continuing improvement, one hundred and ninety-eight thousand seven hundred and fifty dollars. Sabine Pass, Blue Buck Bar, Tex.

Improving ship-channel in Galveston Bay, Texas, from Morgan's Cut to Bolivar Channel: Continuing improvement, for which purpose the balance now remaining of the money heretofore appropriated for this work is hereby directed to be expended by the Secretary of War in the completion of said channel, in accordance with the plans heretofore adopted, and in marking out said channel by piles or stakes, so as to enable navigators to find the same without difficulty. Galveston Bay, ship-channel, Tex.

Improving harbor at Ashtabula, Ohio: Continuing improvement, thirty thousand dollars. Ashtabula, Ohio.

Improving harbor at mouth of Black River, Ohio: Continuing improvement, ten thousand dollars. Black River, Ohio.

Improving harbor at Cleveland, Ohio, on the last plan projected, ninety-three thousand seven hundred and fifty dollars; of which thirty thousand dollars are to be used in building a parapet on the existing breakwater, and the one hundred thousand dollars now on hand to be available for work on the last plan. Cleveland, Ohio.

Improving harbor at Fairport, Ohio: Continuing improvement, eighteen thousand seven hundred and fifty dollars. Fairport, Ohio.

Improving harbor at Huron, Ohio: Continuing improvement, three thousand dollars. Huron, Ohio.

Improving ice-harbor at the mouth of the Muskingum River, Ohio: Continuing improvement, thirty-seven thousand five hundred dollars. Muskingum River, Ohio.

Improving harbor at Port Clinton, Ohio, by repairs of existing works, two thousand dollars. Port Clinton, Ohio.

For the purpose of acquiring the title to the land adjoining the inner end of the west pier built by the United States for the improvement of the harbor at Port Clinton, Ohio, the Secretary of War shall negotiate with the owner or owners of the land for the purchase thereof at a reasonable price, to be approved by Congress; and if an agreement as Purchase of land at.

to price cannot be made with the owner, then the value of the same shall be ascertained in the mode provided by the laws of Ohio for the condemnation of lands for public uses in that State, the result of said proceedings of condemnation, if taken, to be reported to the next Congress for its approval.

Sandusky, Ohio. Improving harbor at Sandusky City, Ohio, by dredging the channel through the outer bar and within the bay; and for this purpose the money appropriated by act of July fifth, eighteen hundred and eighty-four, now on hand, is hereby made available, and the further sum of five thousand dollars is hereby appropriated.

Toledo, Ohio. Improving harbor at Toledo, Ohio: Continuing improvement of the Maumee River, by a straight channel along such line as may be approved by the Secretary of War, one hundred and twelve thousand five hundred dollars; and the balance of the twenty-five thousand dollars heretofore appropriated are hereby made available for clearing the old channel.

Vermillion, Ohio. Improving harbor at Vermillion, Ohio: Continuing improvement, three thousand dollars.

Michigan City, Ind. Improving harbor at Michigan City, Indiana: Continuing improvement, fifty-six thousand two hundred and fifty dollars; of which sum one thousand eight hundred and seventy-five dollars are to be used on the inner harbor.

Calumet, Ill. Improving harbor at Calumet, Illinois: Continuing improvement, ten thousand dollars.

Chicago, Ill. Improving harbor at Chicago, Illinois: Continuing improvement, seventy-five thousand dollars.

Waukegan, Ill. Improving harbor at Waukegan, Illinois: Continuing improvement, twenty thousand dollars.

Charlevoix, Mich. Improving harbor at Charlevoix and entrance to Pine Lake, Michigan: Continuing improvement, ten thousand dollars.

Cheyboygan, Mich. Improving harbor at Cheboygan, Michigan: Continuing improvement, fifteen thousand dollars.

Frankfort, Mich. Improving harbor at Frankfort, Michigan, by extension of piers and repairs: Continuing improvement, seven thousand dollars.

Grand Haven, Mich. Improving harbor at Grand Haven, Michigan: Continuing improvement, thirty thousand dollars.

Grand Marais, Mich. Improving harbor of refuge at Grand Marais, Michigan: Continuing improvement, twenty-six thousand two hundred and fifty dollars.

Ludington, Mich. Improving harbor at Ludington, Michigan: Continuing improvement, fifty-six thousand two hundred and fifty dollars.

Manistee, Mich. Improving harbor at Manistee, Michigan: Continuing improvement, ten thousand dollars.

Marquette, Mich. Improving harbor at Marquette, Michigan: Continuing improvement, ten thousand dollars.

Monroe, Mich. Improving harbor at Monroe, Michigan: By repairs, two thousand dollars.

Muskegon, Mich. Improving harbor at Muskegon, Michigan: Continuing improvement, twelve thousand five hundred dollars.

Improving harbor at Ontonagon, Michigan: Continuing improvement, thirteen thousand dollars. Ontonagon, Mich.

Improving harbor at Pentwater, Michigan: Continuing improvement, ten thousand dollars. Pentwater, Mich.

Improving harbor at Portage Lake, Michigan: Continuing improvement, fifteen thousand dollars. Portage Lake, Mich.

Improving and repairing harbor of refuge at Sand Beach, Michigan: Continuing improvement, seventy-five thousand dollars; of which not exceeding forty-five thousand dollars are to be used in repairs. Sand Beach, Mich.

Improving harbor at Saint Joseph, Michigan: Continuing improvement, ten thousand dollars. Saint Joseph, Mich.

Improving harbor at Saugatuck, Michigan: To complete improvement, eight thousand dollars. Saugatuck, Mich.

Improving harbor at South Haven, Michigan: Continuing improvement, five thousand dollars. South Haven, Mich.

Improving harbor at White River, Michigan: Continuing improvement, ten thousand dollars. White River, Mich.

Improving harbor at Black Lake, Michigan: Continuing improvement, five thousand dollars. Black Lake, Mich.

Improving harbor at Ahnapee, Wisconsin: Continuing improvement, fifteen thousand dollars; but no part of said sum is to be expended until the wharfage over the Government piers at that port shall be made free. Ahnapee, Wis. Wharfage to be free.

Improving harbor at Green Bay, Wisconsin: Continuing improvement, seven thousand dollars. Green Bay, Wis.

Improving harbor at Kenosha, Wisconsin: Continuing improvement, five thousand dollars. Kenosha, Wis.

Improving harbor at Kewaunee, Wisconsin: Continuing improvement, ten thousand dollars. Kewaunee, Wis.

Improving harbor at Manitowoc, Wisconsin: Continuing improvement, fifteen thousand dollars. Manitowoc, Wis.

Improving harbor at Menomonee, Wisconsin: Continuing improvement, three thousand dollars. Menomonee, Wis.

Improving harbor of refuge at Milwaukee, Wisconsin: Continuing improvement on bay and harbor, sixty thousand dollars. Milwaukee, Wis.

Improving harbor at Oconto, Wisconsin: Continuing improvement, eight thousand dollars. Oconto, Wis.

Improving harbor at Port Washington, Wisconsin: Continuing improvement, five thousand dollars. Port Washington, Wis.

Improving harbor at Racine, Wisconsin: Continuing improvement, ten thousand dollars. Racine, Wis.

Improving harbor at Superior Bay and Saint Louis Bay, Wisconsin: Continuing improvement, twenty-two thousand five hundred dollars; and the engineer in charge, in his next annual report, shall submit an estimate of the cost of a dredge-boat or other facilities that may be needed for dredging the harbors of Duluth and Superior. Thirteen thousand five hundred dollars of the money hereby appropriated are to be expended in dredging in said Superior Bay and Harbor, and in repairing piers at natural entry, and nine thousand dollars in dredging Saint Louis Bay, along the dock-line on the Wisconsin shore, from deep water at Connor's Point towards deep water at Grassy Point. Superior and Saint Louis Bays, Wis.

Sheboygan, Wis.

Improving harbor at Sheboygan, Wisconsin: Continuing improvement, fifteen thousand dollars.

Sturgeon Bay, Wis.

Improving harbor at Sturgeon Bay, Wisconsin: Continuing improvement, five thousand dollars.

Ashland, Wis.

Improving harbor at Ashland, Wisconsin: Continuing improvement, twenty-two thousand five hundred dollars.

Sturgeon Bay and Lake Michigan Ship-Canal. Board of engineers to report as to its value, etc.

The Secretary of War is authorized and directed to appoint a Board of three engineers from the United States Army whose duty it shall be to examine, in all their relations to commerce, the Sturgeon Bay and Lake Michigan Ship Canal, connecting the waters of Green Bay with Lake Michigan, in the State of Wisconsin, with a view to making the same a free passage way and harbor of refuge, to consider their value, and all other matters connected with their usefulness to navigation, and which shall give information as to the expediency of the work and the desirability of their acquisition and improvement. The said Board shall report to the Secretary of War, who shall lay its report before Congress at its next session, together with the views of himself and the Chief of Engineers of the United States Army thereon; and five thousand dollars, or so much thereof as may be necessary, is hereby appropriated for this purpose.

Duluth, Minn.

Improving harbor at Duluth, Minnesota: Continuing improvement, and enlarging basin between Minnesota and Rice's Points, fifty-six thousand two hundred and fifty dollars; of which a sum not exceeding five hundred dollars may be used in placing buoys in the channels and elsewhere where needed in the harbor; and the consent of the United States is hereby given to a change of the existing dock-line on the east side of Rice's Point by the municipal authorities of Duluth: *Provided*, That such change meets the approval of the Secretary of War.

Grand Marais, Minn.

Improving harbor at Grand Marais, Minnesota: Continuing improvement, ten thousand dollars.

Agate Bay, Minn.

Improving harbor at Agate Bay, Minnesota, twenty-two thousand five hundred dollars.

Lake City, Minn.

Improving harbor at Lake City, Minnesota, Continuing improvement, ten thousand dollars.

Humboldt, Cal. *Proviso.*

Improving harbor and bay at Humboldt, California: Continuing improvement, seventy-five thousand dollars: *Provided*, That no part of said sum shall be expended until the twelve acres of land necessary to said improvement shall have been conveyed to the United States free of expense, and such conveyance has been approved by the Secretary of War, after the Attorney-General of the United States shall have certified to the Secretary of War that the title is perfect.

Oakland, Cal.

Improving harbor at Oakland, California, Continuing improvement, sixty thousand dollars.

Survey of San Francisco Harbor, San Pablo Bay, Suisun Bay, Strait of Carquinex, San Joaquin and Sacramento Rivers.

The sum of eleven thousand dollars, or as much thereof as may be necessary, is hereby appropriated for a survey of San Francisco Harbor, San Pablo Bay, Suisun Bay, Strait of Carquinex, mouth of San Joaquin River, and mouth of Sacramento River, California.

Redwood, Cal.

Improving harbor at Red Wood, California: Continuing improvement, five thousand dollars.

The sum of five thousand dollars, or so much thereof as may be necessary, is hereby appropriated for examination, survey, and estimated cost of obtaining a channel two hundred and fifty feet wide and twenty-four feet deep at mean low water across the outer bar, and from thence to a point abreast of beacon number two, in San Diego Harbor, California; also, of obtaining a navigable channel at least eight feet in depth at mean low water at Newport Harbor, California; also, of the establishment of a breakwater extending in a southeasterly direction one-fourth of a mile, more or less, along the sunken reef commencing at or near Whaler's Point, so called, at San Luis Obispo Harbor, California. Survey, etc., of San Diego, Newport and San Luis Obispo Harbors, Cal.

Improving harbor at Wilmington, California: Continuing improvement, seventy-five thousand dollars. Wilmington, Cal.

Improving harbor at Yoquina Bay, Oregon: Continuing improvement, seventy-five thousand dollars. Yaquina Bay, Oreg.

Improvement of the harbor at entrance of Coos Bay, Oregon, thirty-three thousand seven hundred and fifty dollars. Coos Bay, Oreg.

Improving Lubec Channel, Maine: Continuing improvement, ten thousand dollars. Lubec Channel.

Improving Moosebec Bar, Maine: Continuing improvement, ten thousand dollars. Moosebec Bar.

Improving Penobscot River, Maine, Continuing improvement, be widening the channel opposite Bangor and removing obstructions near Crosby's Narrows, fifteen thousand dollars. Penobscot River.

Improving Saco River, Maine, twelve thousand five hundred dollars. Saco River.

Improving Narragaugus River, Maine, ten thousand dollars. Narragaugus River.

Improving Cocheco River, New Hamshire: Continuing improvement, ten thousand dollars. Cocheco River.

Improving Ipswich River, Massachusetts, two thousand five hundred dollars. Ipswich River

Improving Warren River, Rhode Island, five thousand dollars. Warren River.

Improving Pawtucket River, Rhode Island: Continuing improvement, thirty thousand dollars. Pawtucket River.

Improving Providence River and Narragansett Bay, Rhode Island: Continuing improvement, thirty thousand dollars. Providence River, Narragansett Bay.

For removing Green Jacket Shoal, Providence River, Rhode Island, twenty-six thousand two hundred and fifty dollars. Providence River.

Improving Pawcatuck River, Rhode Island, twelve thousand dollars. Pawcatuck River.

Improving Connecticut River below Hartford, Connecticut: Continuing improvement, twenty-six thousand two hundred and fifty dollars. Connecticut River.

Improving Housatonic River, Connecticut, five thousand dollars Housatonic River.

Improving Thames River, Connecticut, Continuing improvement, twenty-two thousand five hundred dollars. Thames River.

Improving East Chester Creek, New York: Continuing improvement, ten thousand dollars. East Chester Creek.

Hudson River. Improving Hudson River, New York: Continuing improvement, twenty-six thousand two hundred and fifty dollars; of which fifteen thousand dollars may be used for the removal of the rock in channel at Van Wie's Point.

Newtown Creek and Bay. Improving Newtown Creek and Bay, New York: Continuing improvement, thirty-seven thousand five hundred dollars; of which nine thousand three hundred and seventy-five dollars to be expended on west branch between Maspeth avenue and Dual Bridge, at Grand street and Metropolitan avenue; nine thousand three hundred and seventy-five dollars to be expended on main branch between Easterly Grand Street bridge to Metropolitan avenue; and balance on lower end, from Maspeth avenue to the mouth of the creek.

Hell Gate. Improving Hell Gate, New York: Continuing improvement one hundred and twelve thousand five hundred dollars.

Lake Champlain, Narrows. Improving Narrows at Lake Champlain, New York, from Benson, Vermont, to canal locks at Whitehall, New York, thirty thousand dollars.

Ticonderoga River. Improving Ticonderoga River, New York. Continuing improvement, two thousand dollars.

Maurice River. Improving Maurice River, New Jersey: Continuing improvement, five thousand dollars.

Passaic River. Improving Passaic River, New Jersey: Continuing improvement, twenty-six thousand two hundred and fifty dollars; of which two thousand two hundred and fifty dollars are to be used above Newark.

Raritan River. Improving Raritan River, New Jersey: Continuing improvement, twenty-six thousand two hundred and fifty dollars.

Shrewsbury River. Improving Shrewsbury River, New Jersey: Continuing improvement, ten thousand dollars.

South River. Improving South River, New Jersey: Continuing improvement, five thousand dollars.

Saint Jones River. Improving Saint Jones River, Delaware: Continuing improvement, ten thousand dollars.

Nanticoke River. Improving Nanticoke River, Delaware: Continuing improvement up to and near the town of Laurel, Delaware, ten thousand dollars.

Monongahela River. Improving Monongahela River, Pennsylvania and West Virginia: Continuing improvement, ninety thousand nine hundred dollars; but no charges or tolls shall be collected on any other part of the river on any commerce on said river which originates above the works herein appropriated for.

Allegheny River. For beginning the construction of a dam at Herr's Island, in the Allegheny River, near Pittsburgh, Pennsylvania, thirty-seven thousand five hundred dollars.

Improving Allegheny River, Pennsylvania: Continuing improvement, thirty thousand dollars.

Schuylkill River. Improving Schuylkill River, Pennsylvania: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Delaware River. Improving Delaware River, Pennsylvania and New Jersey: Continuing improvement from Trenton to its mouth, two hundred and ten thousand dollars; of which thirty

thousand dollars shall be applied to improving the channel between Camden, New Jersey, and Philadelphia, Pennsylvania, and seven thousand five hundred dollars, or so much thereof as may be needed, shall be expended on said river and its tidal tributaries above Bridesburg.

Choptank River.

Improving Choptank River, Maryland: Continuing improvement, ten thousand dollars.

Corsica Creek.

Improving Corsica Creek, Maryland: Continuing improvement, ten thousand dollars.

Chesapeake Bay.

For rebuilding piers at Battery Island, head of the Chesapeake Bay, which were carried away by ice, strengthening and protecting the works at that point from future destruction, seventeen thousand two hundred and seventy-five dollars.

Susquehanna River.

Improving Susquehanna River, Maryland and Pennsylvania: Continuing improvement, six thousand dollars; to be expended above the Philadelphia, Wilmington and Baltimore Railroad Bridge.

Pocomoke River.

Improving Pocomoke River, Maryland: Continuing and completing improvement, eight thousand dollars.

Water-way from Chincoteague Bay to Indian River Bay.

Improving, by dredging and otherwise, the inland water-way from Chincoteague Bay, Virginia, to Delaware Bay at or near Lewes, Delaware, to be used from Chincoteague Bay to Indian River Bay, eighteen thousand seven hundred and fifty dollars.

Appomattox River.

Improving Appomattox River, Virginia: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Chickahominy River.

Improving Chickahominy River, Virginia: Continuing improvement, four thousand dollars.

James River.

Improving James River, Virginia: Continuing improvement below Richmond, one hundred and twelve thousand five hundred dollars.

Mattaponi River.

Improving Mattaponi River, Virginia: Continuing improvement, five thousand dollars.

New River.

Improving New River, Virginia: Continuing improvement between the lead-mines, in Wythe County, and the mouth of Wilson's Creek, in Grayson County, ten thousand dollars, together with the three thousand dollars now on hand.

Pamunky River.

Improving Pamunky River, Virginia: Continuing improvement, five thousand dollars.

Rappahannock River.

Improving Rappahannock River, Virginia: Continuing improvement, twenty thousand dollars.

Staunton River.

Improving Staunton River, Virginia: Continuing improvement, ten thousand dollars; one-half of which is to be expended between the mouth of Pig River and the Midland Railroad Crossing.

York River.

Improving York River, Virginia: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Dan River.

Improving Dan River, Virginia: Continuing improvement, ten thousand dollars.

Big Sandy River.

Improving Big Sandy River, West Virginia and Kentucky: Continuing improvement, thirty thousand dollars; of which sum three thousand seven hundred and fifty dollars are to be expended on Tug Fork, in West Virginia, and

three thousand seven hundred and fifty dollars on Lavisa Fork, in Kentucky.

Buckhannon River. Improving Buckhannon River, West Virginia: Continuing improvement, one thousand five hundred dollars.

Great Kanawha River. Improving Great Kanawha River, West Virginia: Continuing improvement, one hundred and eighty-seven thousand five hundred dollars.

Elk River. Improving Elk River, West Virginia: Continuing improvement, one thousand five hundred dollars.

Guyandotte River. Improving Guyandotte River, West Virginia: Continuing improvement, the amount heretofore appropriated is hereby made available for this purpose.

Little Kanawha River. Improving Little Kanawha River, West Virginia: Continuing improvement, sixteen thousand eight hundred and seventy-five dollars; of which one thousand eight hundred and seventy-five dollars shall be used in continuing the improvement of navigation above the west fork. But no toll shall be collected by any person or corporation for this improved navigation; and such right, if any exist, shall be relinquished, in a manner satisfactory to the Secretary of War, before the expenditure of any of the money herein appropriated for this work.

Cape Fear River. Improving Cape Fear River, North Carolina: Continuing improvement, one hundred and sixty-eight thousand seven hundred and fifty dollars; of which sum eleven thousand two hundred and fifty dollars are to be expended above Wilmington, the remainder below and opposite the city of Wilmington, including as much of its northeast branch as lies in front of Wilmington, within the city limits.

Contentnia Creek. Improving Contentnia Creek, North Carolina: Continuing improvement, fifteen thousand dollars.

Currituck Sound. Improving Currituck Sound, Coanjok Bay, and North River Bar, North Carolina: Continuing improvement, ten thousand dollars.

Neuse River. Improving Neuse River, North Carolina: Continuing improvement, twenty-two thousand five hundred dollars.

New River. Improving New River, North Carolina: Continuing improvement, ten thousand dollars.

Pamlico and Tar River. Improving Pamlico and Tar Rivers, North Carolina: Completing improvement, five thousand dollars.

Black River. *Proviso.* Improving Black River, North Carolina, three thousand dollars: *Provided*, That all claims of private parties to the navigation of the river shall be ceded to the United States, free of charge, before the commencement of said improvement.

Roanoke River. Improving Roanoke River, North Carolina: Continuing improvement, twenty thousand dollars. Two thousand five hundred dollars, or so much thereof as may be necessary, of the aforesaid twenty thousand dollars shall be used for the purpose of removing obstructions in the Thoroughfare and Coshoke Creek.

Trent River. Improving Trent River, North Carolina: Continuing improvement, three thousand five hundred dollars.

Dan River. Improving Dan River, North Carolina: Continuing improvement, between Madison, North Carolina, and Danville, Virginia, ten thousand dollars.

Improving Yadkin River, North Carolina: Continuing improvement, ten thousand dollars. Yadkin River.

Improving the inland waterway between Beaufort Harbor and New River, North Carolina, through Bogue Sound, ten thousand dollars. Waterway, Beaufort to New River.

Improving Ashley River, South Carolina: Continuing improvement, one thousand dollars. Ashley River.

Improving Edisto River, South Carolina: Continuing improvement, three thousand dollars. Edisto River.

Improving Great Pee Dee River, South Carolina: Continuing improvement, twenty thousand dollars. Great Pee Dee River.

Improving Salkiehatchie River, South Carolina: Continuing improvement, two thousand dollars. Salkiehatchie River.

Improving Santee River, South Carolina: Continuing improvement, eighteen thousand seven hundred and fifty dollars; no part of which sum to be used for the construction of any road-bridge across the Mosquito Creek Canal: *Provided*, That if salt water be found flowing into said Mosquito Creek, five thousand dollars of said sum, or so much thereof as may be necessary, shall be used for the construction of a flood-gate at the upper end of the canal, to prevent the same. Santee River. *Proviso.*

Improving Waccamaw River, South Carolina: Continuing improvement, fifteen thousand dollars. Waccamaw River.

Improving Wappoo Cut, South Carolina: Continuing improvement, five thousand dollars. Wappoo Cut.

Improving Wateree River, South Carolina: Continuing improvement, seven thousand five hundred dollars. Wateree River.

Improving Congaree River, South Carolina, seven thousand five hundred dollars. Congaree River.

Improving Altamaha River, Georgia: Continuing improvement, twenty thousand dollars; of which ten thousand dollars are to be used on Doboy Bar, or so much thereof as may be necessary Altamaha River.

Improving Chattahoochee River, Georgia and Alabama: Continuing improvement, twenty thousand dollars. Chattahoochee River.

Improving Coosa River, Georgia and Alabama: Continuing improvement, forty-five thousand dollars. Coosa River.

Improving Flint River, Georgia: Continuing improvement, twenty thousand dollars; of which sum five thousand dollars are to be expended between Albany and Montezuma, and fifteen thousand dollars below Albany. Flint River.

Improving Ocmulgee River, Georgia: Continuing improvement, seven thousand five hundred dollars. Ocmulgee River.

Improving Oconee River, Georgia: Continuing improvement, nine thousand dollars; one thousand five hundred dollars of said sum to be expended between Skull Shoals and the Railroad Bridge. Oconee River.

Improving Romely Marsh, Georgia: To complete improvement, seventeen thousand four hundred and seventy-five dollars; and so much of said sum as may be necessary may be applied by the engineer in charge, with the approval of the Secretary of War, to pay for work done on said improvement, under the direction of the War Department, since the last appropriation was exhausted. Romely Marsh.

Savannah River. Improving Savannah River, below Augusta, Georgia: Continuing improvement, fifteen thousand dollars.

Apalachicola River. Improving Apalachicola River, Florida: Continuing improvment, one thousand dollars.

Caloosahatchee River. Improving Caloosahatchee River, Florida: Continuing improvement, four thousand dollars.

Choctawhatchee River. Improving Choctawatchee River, Florida and Alabama: Continuing improvement, fifteen thousand dollars; of which sum five thousand dollars to be expended below Geneva, and ten thousand dollars to be expended between Geneva and Newton, Alabama.

Conecuh-Escambia River. Improving Conecuh-Escambia River, Florida and Alabama: Continuing improvement, twelve thousand dollars.

La Grange Bayou. Improving La Grange Bayou, Florida: Continuing improvement: two thousand dollars.

Manatee and Pease Rivers. Improving Manatee and Pease Rivers, Florida: Continuing improvement, thirteen thousand dollars; of which five thousand dollars may be expended on Pease River.

Saint John's River. Improving channel over the bar at the mouth of Saint John's River, Florida: Continuing improvement, one hundred and fifty thousand dollars.

Suwanee River. Improving Suwanee River, Florida: Continuing improvement, five thousand dollars.

Volusia Bar. Improving Volusia Bar, Florida: To complete improvement, seven thousand five hundred dollars.

Withlacoochee River. Improving Withlacoochee River, Florida: Continuing improvement, three thousand dollars.

Alabama River. Improving Alabama River, Alabama: Continuing improvement, fifteen thousand dollars.

Black Warrior River. Improving Black Warrior River from Tuscaloosa to Daniel's Creek, Alabama, fifty-six thousand two hundred and fifty dollars, together with the forty-seven thousand dollars on hand; to be expended in accordance with the plan adopted by the board of engineers.

Cahawba River. *Proviso.* Improving Cahawba River, Alabama: Continuing improvement, seven thousand five hundred dollars: *Provided*, That no part of said sum shall be expended until the officer in charge shall have reported that the railroad and other bridges across said river have been provided with good and sufficient draw-openings.

Tallapoosa River. Improving Tallapoosa River, Alabama: Continuing improvement, seven thousand five hundred dollars.

Warrior River. Improving Warrior River, Alabama: Continuing improvement, eighteen thousand seven hundred and fifty dollars; to be expended below Tuscaloosa.

Tombigbee River. Improving Tombigbee River, Alabama and Mississippi: Continuing improvement, eighteen thousand seven hundred and fifty dollars; to be expended below Vienna, eleven thousand two hundred and fifty dollars; and between Vienna and Fulton, seven thousand five hundred dollars.

Big Sunflower River. Improving Big Sunflower River, Mississippi: Continuing improvement, five thousand dollars; of which two thousand dollars to be expended between Woodburn and Lehrton.

Noxubee River. Improving Noxubee River, Mississippi: Continuing improvement, seven thousand five hundred dollars.

Improving Pascagoula River, Mississippi: Continuing improvement, including bar at the mouth, and from there to the mills at Moss Point, twenty thousand dollars; and the balance of the money now on hand heretofore appropriated for improving Horn Island Pass is to be applied to the same purpose. Pascagoula River.

Improving Pearl River, Mississippi: Continuing improvement, seventeen thousand six hundred and twenty-five dollars; of which two thousand two hundred and fifty dollars are to be expended between Edinburg and Carthage, two thousand two hundred and fifty dollars between Carthage and Jackson, and the remainder below Jackson, including bar at the mouth of East Pearl River. Pearl River.

Improving Steele's Bayou, Mississippi, including Washington Bayou: Continuing improvement, two thousand five hundred dollars. Steele's Bayou.

Improving Tallahatchee River, Mississippi: Continuing improvement, three thousand five hundred dollars. Tallahatchee River.

Improving Tchula Lake, Mississippi: Continuing improvement, two thousand dollars. Tchula Lake.

Improving Yallabusha River, Mississippi: Continuing improvement, two thousand dollars. Yallabusha River.

Improving Bayou Pierre, Mississippi: Continuing improvement, five thousand dollars Bayou Pierre.

Improving Yazoo River, Mississippi: Continuing improvement, fifteen thousand dollars; of which five thousand dollars, or so much as may be necessary, to be used in repairing snag-boat. Yazoo River.

Improving Big Black River, Mississippi: Continuing improvement, five thousand dollars: *Provided*, That no part of this appropriation shall be used until the State of Mississippi shall have first caused the bridges over said stream south of the Vicksburg and Meridan Railroad to be so constructed as not to obstruct the navigation of said stream. Big Black River. *Proviso.*

Improving Amite River, Louisiana: Continuing improvement, two thousand dollars. Amite River.

Improving Bœuf River, Louisiana: Continuing improvement, and for closing Outlet Number One, five thousand dollars. Bœuf River.

Improving Bayou Bartholomew, Louisiana and Arkansas: Continuing improvement, five thousand dollars. Bayou Bartholomew.

Improving Bayou Courtableau, Louisiana: Continuing improvement, five thousand dollars. Bayou Courtableau.

Improving Bayou D'Arbonne, Louisiana: Continuing improvement, two thousand dollars. Aayou D'Arbonne.

Improving Bayou Terrebonne, Louisiana: Continuing improvement, ten thousand dollars. Bayou Terrebonne.

Improving Cypress Bayou and the lakes between Jefferson, Texas, and Shreveport, Louisiana, Texas and Louisiana: To complete improvement, eighteen thousand dollars. CypressBayou.

Improving Tensas River and Bayou Macon, Louisiana: Continuing improvement, four thousand dollars. Tensas River and Bayou Macon.

Improving Red River, Louisiana, and Arkansas: Continuing improvement from Fulton, Arkansas, to the Atchafalaya River, Louisiana, including completing the work at Alexandria, seventy-five thousand dollars; of which sum Red River.

twenty-five thousand dollars, or so much thereof as may be necessary, shall be used in making a thorough survey of the river from Fulton, Arkansas to the Atchafalaya River, and in completing the survey of Bayou Pierre, Louisiana.

Tchefuncte River and Bogue Falia.

Improving Tchefuncte River and Bogue Falia, Louisiana: Continuing improvement, two thousand five hundred dollars; to be expended in the improvement of Bogue Failia up to Covington.

Tickfaw River.

Improving Tickfaw River, Louisiana: Continuing improvement, two thousand dollars; to be expended on its navigable tributaries.

Ouachita and Black Rivers.

Improving Ouachita River, Louisiana and Arkansas, and Black River, Louisiana: Continuing improvement, seventeen thousand five hundred dollars; of which seven thousand five hundred dollars, or so much thereof as may be necessary, for repairing snag-boat Wagner.

Calcasieu River and Pass.

Improving Calcasieu River and Pass, Louisiana: Continuing improvement to secure a navigable channel eight feet deep over the bars affecting the entrance to said river and pass, and for this purpose the money on hand heretofore appropriated for improvement of Calcasieu River is to be used.

Brazos River.

Improving mouth of Brazos River, Texas: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Buffalo Bayou.

Improving Buffalo Bayou, Texas: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Saint Francis River.

Improving Saint Francis River, Arkansas and Missouri, to the town of Saint Francis: Continuing improvement, eight thousand dollars.

Arkansas River.

Improving Arkansas River, Arkansas: Continuing improvement, seventy-five thousand dollars, according to the plan and recommendations in Appendix V thirteen, Executive Document One, Forty-ninth Congress; of which there are to be expended eight thousand dollars at Pine Bluff, thirteen thousand dollars at Fort Smith, and ten thousand dollars at Dardanelles, or so much thereof under those sums, respectively, as may be necessary at those points.

Removing of snags, etc.

For the removal of snags, wrecks, and other obstructions in the Arkansas River, nineteen thousand eight hundred and seventy-five dollars; of which sum one thousand one hundred and twenty-five dollars, or so much thereof as may be necessary, shall be used to complete the survey of the Arkansas River, between Little Rock, Arkansas, and Wichita, Kansas.

Red River.

Improving Red River, Arkansas, above Fulton, Arkansas, seven thousand dollars.

Little Red River.

Improving Little Red River, Arkansas, three thousand dollars.

Black River.

Improving Black River, Arkansas and Missouri, five thousand dollars.

Petit Jean River.

Improving Petit Jean River, Arkansas, three thousand five hundred dollars.

White River.

Improving White River, Arkansas: Continuing improvement, eighteen thousand dollars; thirteen thousand dollars of which, or so much thereof as may be necessary,

to complete the survey of said river; the remainder for general improvement.

For removing the rock shoals in Fourche River, Arkansas, situate four miles south of Perryville, in Perry County, Arkansas, according to the plans of the engineers for creating a fifty-foot channel, five thousand dollars. Fourche River.

Improving Big Hatchee River, Tennessee: Continuing improvement, three thousand dollars. Big Hatchee River.

Improving Caney Fork River, Tennessee: Continuing improvement, three thousand dollars. Caney Fork River.

Improving Clinch River, Tennessee: Continuing improvement, five thousand dollars. Clinch River.

Improving Cumberland River, Tennessee and Kentucky: Continuing improvement above Nashville, with a view to secure in the channel a depth of four feet, commencing with the lock at or near the lower island at Nashville, seventy-five thousand dollars. Cumberland River.

Improving Cumberland River below Nashville, Tennessee: Continuing improvement, twelve thousand five hundred dollars.

Improving French Broad River, Tennessee: Continuing improvement, six thousand dollars French Broad River.

Improving Hiawassee River, Tennessee: Continuing improvement, two thousand five hundred dollars. Hiawassee River.

Improving South Fork of Forked Deer River, Tennessee: Continuing improvement, five thousand dollars. South Fork, Forked Deer River.

Improving Tennessee River above Chattanooga, Tennessee: Continuing improvement, seven thousand five hundred dollars. Tennessee River.

Improving Tennessee River at Big Mussel Shoals, Little Mussel Shoals, and Elk River Shoals, Alabama: To complete improvements at these localities, two hundred and sixty-two thousand five hundred dollars.

Improving South Fork of Cumberland River, Kentucky: Continuing improvement, five thousand dollars. South Fork, Cumberland River.

Improving Kentucky River, Kentucky: Continuing improvement, one hundred and eighty-seven thousand five hundred dollars. Kentucky River.

Improving Tradewater River, Kentucky: Continuing improvement, two thousand dollars. Tradewater River.

Improving the Falls of the Ohio River at Louisville, Kentucky: Continuing improvement, according to the last plan of the engineer in charge, and to be first applied to the completion of the work now in progress, one hundred and fifty thousand dollars: *Provided*, That of that sum fifty thousand dollars shall be expended in enlarging the canal basin, as recommended in the last report of the engineer in charge. Falls of the Ohio River, Louisville. *Proviso.*

The Secretary of War is hereby authorized and directed to ascertain the value and commercial importance of the works and property of the Green and Barren River Navigation Company, situated on the Green and Barren rivers, in the State of Kentucky, and of the Monongahela Navigation Company, situated on the Monongahela River, in the State of Pennsylvania; and in order to acquire such information the Secretary of War shall appoint a board of three Board of engineers to report on the value, etc., of the works of Green and Barren River Navigation Company, and Monongahela Company.

competent engineers from the Engineers Corps of the United States Army, which board shall in each case report to the Secretary of War, who shall report thereon to Congress at its next succeeding session; and the cost of such examination shall be paid out of the sum appropriated by this act for surveys: *Provided*, That nothing herein shall be construed as committing Congress to the purchase of the said works.

Proviso.

Muskingum River.

Acceptance from Ohio of Muskingum River improvements, canal, etc.

Improvement of the Muskingum River, Ohio, between Zanesville and the mouth of the river, and for operating the same, twenty thousand dollars. And the United States hereby accepts from the State of Ohio the said Muskingum River improvement, and all the locks, dams, and their appurtenances, and the canals, belonging to said improvement, and all the franchises and property of every kind, and rights, in said river, and its improvements, now owned, held, and enjoyed by the State of Ohio, including all water leases and rights to use water under and by virtue of any lease of water now running and in force between the State of Ohio and all persons using said water, hereby intending to transfer to the United States such rights in said leases and contracts as are now owned, held, or reserved by the State of Ohio; but not to affect any right to the use of the water of said river now owned and held by the lessees of any water right under any lease or contract with the State of Ohio. And the United States hereby assumes control of said river, subject to the paramount interest of navigation.

To take effect when property is turned over.

The provisions of this act, so far as they relate to the Muskingum River, shall not take effect, nor shall the money hereby appropriated be available, until the State of Ohio, acting by its duly authorized agent, turns over to the United States all property ceded by the act of the general assembly aforesaid, and all personal property belonging to the improvement aforesaid, and used in its care and improvement, and any balance of money appropriated by said State for the improvement of said river, and which is not expended on the fifteenth day of July, eighteen hundred and eighty-six.

Clinton River.

Improving Clinton River, Michigan: Continuing improvement, six thousand dollars.

Detroit River.

Improving Detroit River, Michigan: Continuing improvement, thirty-seven thousand five hundred dollars.

Saint Clair Ship-Canal.

Improving Saint Clair Ship-Canal, Michigan: Continuing improvement, eighteen thousand seven hundred and fifty dollars.

Saint Mary's River.

Improving Saint Mary's River, Michigan: Continuing improvement by a new lock and approaches, two hundred and fifty thousand dollars.

Hay Lake Channel.

Improving Hay Lake Channel, Michigan: Continuing improvement, one hundred and fifty thousand dollars.

Saginaw River.

Improving Saginaw River, Michigan: Continuing improvement, thirty-three thousand seven hundred and fifty dollars; of which sixteen thousand eight hundred and seventy-five dollars are to be used above Bay City, and five thousand dollars in improving the west channel along West Bay City.

The Secretary of War is authorized and directed to appoint a Board of three engineers from the United States Army whose duty it shall be to examine, in all their relations to commerce, the two improved water-ways known as the Portage Lake and River Improvement Company Canal and the Lake Superior Ship-Canal Railway and Iron Company Canal, being the improved harbors of refuge and the water communication across Keweenaw Point, from Keweenaw Bay to Lake Superior, by way of Portage River and Lake, in the State of Michigan, with a view to making the same a free passage-way and harbors of refuge, to consider their value and all other matters connected with their usefulness to navigation, and which shall give information as to the expediency of the work and the desirability of their acquisition and improvement. The said board shall report to the Secretary of War, who shall lay its report before Congress at its next session, together with the views of himself and the Chief of Engineers of the United States Army thereon; and ten thousand dollars, or so much thereof as may be necessary, is hereby appropriated for this purpose.

Board of engineers to report on value, etc., of Portage Lake Improvement Company Canal, and Lake Superior Ship Canal.

Improving Chippewa River, Wisconsin: Continuing improvement from Dalles Dam to its mouth, eighteen thousand seven hundred and fifty dollars.

Chippewa River.

Improving Fox River, Wisconsin: Continuing improvement below Montello, on the approved plan, fifty-six thousand two hundred and fifty dollars. And the Secretary of War is hereby directed to have the examination and survey of the Wisconsin River from Portage to the mouth, now being made by a board of engineers, completed as soon as practicable, and a report thereof made on or before the meeting of the next session of Congress. And the sum of six thousand dollars of the above appropriation, or so much thereof as may be necessary, may be expended at or near Portage City to prevent the overflow of the Wisconsin River into the Upper Fox River, so as to prevent injury to the Government works on Fox River; and this expenditure may be made separately, or, if deemed more economical by the Secretary of War, in adding to any protecting works which may be made by the State of Wisconsin.

Fox River.

Survey to be completed as soon as practicable.

Improving Saint Croix River, Wisconsin and Minnesota: Continuing improvement, seven thousand five hundred dollars.

Saint Croix River.

Improving Wabash River, Indiana and Illinois: Continuing work on lock and dams at Grand Rapids, and on the river from Grand Rapids, to its mouth, sixty thousand dollars, and nine thousand dollars to be expended on the river at Grayville.

Wabash River.

Improving White River, Indiana: Continuing improvement, below Hazleton, seven thousand five hundred dollars.

White River.

Improving Calumet River, Illinois: Continuing improvment, thirty thousand dollars; of which eleven thousand two hundred and fifty dollars are to be used between the Forks and one half mile east of Hammond, Indiana, five thousand six hundred and twenty-five dollars of which are to be used in dredging the river between the Forks and

Calumet River.

the State line of Illinois and Indiana, and five thousand six hundred and twenty-five dollars on the river at Hammond, Indiana: *Provided, however*, That no part of said sum, nor any sum heretofore appropriated, except the said eleven thousand two hundred and fifty dollars, for the river above the Forks shall be expended until the entire right of way, as set forth in Senate Executive Document Number Nine, second session Forty-seventh Congress, shall have been conveyed to the United States free of expense, and the United States shall be fully released from all liability for damages to adjacent property-owners, to the satisfaction of the Secretary of War; and if any of the owners of real estate required to be taken or that is damaged for the purpose of straightening or widening that portion of the Calumet River for which the appropriation herein is now made, cannot be induced to convey to the United States such real estate so required, and release their claim for damages caused by said improvement, or should the owner or owners be incapable of conveying and releasing, or should his or her name or residence be unknown, or he or she be a non-resident of the State of Illinois, it shall then be the duty of the United States attorney for the northern district of Illinois to immediately file a petition in any court having jurisdiction thereof, in the manner and as authorized by the laws of the State of Illinois in such cases, for the purpose of ascertaining the just compensation to be paid the respective owners of the land taken or damaged: *Provided, however*, That the other owners of property and parties interested in said improvement shall first execute a bond to the United States, to be approved by the Secretary of War, for the payment of the costs of such proceedings, and to pay any judgment that may be rendered therein; and on failure to do so the proceedings shall be dismissed.

Provisos.

Right of way to first secured.

Condemnation proceedings.

Illinois River.

Improving Illinois River, Illinois: Continuing improvement, one hundred and twelve thousand five hundred dollars; of which sum three thousand seven hundred and fifty dollars may be expended in dredging the river in front of Peoria.

Board of engineers to report on value, etc., of the Hennepin Canal.

The Secretary of War is authorized and directed to appoint a Board of three engineers from the United States Army whose duty it shall be to examine, in all their relations to commerce, the Illinois and Michigan Canal, and the proposed Hennepin Canal, to consider their value and all other matters connected with their usefulness to navigation, and shall report upon the acquisition and improvement of the Illinois and Michigan Canal and the construction of the Hennepin Canal. The said Board shall report to the Secretary of War, who shall lay its report before Congress at its next session, together with the views of himself and the Chief of Engineers of the United States Army thereon; and fifteen thousand dollars, or so much thereof as may be necessary, is hereby appropriated for this purpose: *Provided:* That nothing in this paragraph shall be construed as committing the Government to the said improvement.

Proviso.

Gasconade River.

Improving Gasconda River, Missouri: Continuing improvement, seven thousand five hundred dollars.

Improving Osage River, Missouri: Continuing improvement by snagging and removing obstructions, ten thousand dollars. Osage River.

Improving Red River of the North, Minnesota: Continuing improvement from Breckinridge to the northern boundary-line of the United States, including dredging, removal of snags and bowlders, and construction of wing-dams, and so forth; and the money heretofore appropriated for locks and dams is hereby made available for this purpose. Red River of the North.

Improving Yellowstone River between Glendive and the mouth, Montana: Continuing the improvement, eighteen thousand seven hundred and fifty dollars. Yellowstone River.

Improving Mokelumne River, California, by removing obstructions, two thousand five hundred dollars. Mokelumne River.

Improving Sacramento and Feather Rivers, California, forty thousand dollars of the money heretofore appropriated for improving said rivers that may remain unexpended at the end of the present fiscal year, for snagging and dredging operations and the cost of the proceedings hereinafter authorized, also ten thousand dollars to complete dredges authorized by act of July fifth, eighteen hundred and eighty-four; the balance of said unexpended money not to be used until the Secretary of War be satisfied that hydraulic mining hurtful to navigation has ceased on said rivers and their tributaries. If he be not so satisfied, he is hereby instructed to institute such legal proceedings as may be necessary to prevent the washing, sluicing, dumping, or discharging detritus, debris, or slickens, caused by or arising from such hydraulic mining, into either of said rivers or any of its tributaries, or into the San Joaquin River or any of its tributaries, or in or to such place or situation from which such detritus, debris, or slickens may be liable to be washed or carried by storms or floods into either of said rivers or tributaries; and he is hereby instructed to use out of said sum as much as may be necessary for said purpose. Sacramento and Feather Rivers. Secretary of War to be satisfied that injurious hydraulic mining has ceased. Legal proceedings to prevent.

Improving San Joaquin River and Stockton and Mormon Sloughs, California: Continuing improvement, eighteen thousand seven hundred and fifty dollars. San Joaquin River; Stockton and Mormon Sloughs.

Improving canal at the Cascades, Oregon: Continuing improvement, one hundred and eighty-seven thousand five hundred dollars. Canal at Cascades, Oregon.

Improving the Upper Columbia River, including Snake River, Oregon and Washington Territory: Continuing improvement, ten thousand dollars. Columbia River.

Improving the mouth of the Columbia River, Oregon, one hundred and eighty-seven thousand five hundred dollars.

Improving Lower Wilamette River, and Columbia River below Portland, Oregon: Continuing improvement, seventy-five thousand dollars; of which sum twenty one thousand dollars for a snag-boat to be used on the Willamette and Columbia Rivers, and five thousand dollars to be expended on the river in front of Portland. Willamette and Columbia Rivers. Snag-boat.

Willamette River above Portland.

Improving the Upper Willamette River above Portland, Oregon: Continuing improvement, ten thousand dollars.

Coquille River.

Improving Coquille River, Oregon: Continuing improvement, twenty thousand dollars.

Chehalis River.

Improving Chehalis River, Washington Territory: Continuing improvement, two thousand five hundred dollars.

Cowlitz River.

Improving Cowlitz River, Washington Territory: Continuing improvement, two thousand dollars.

Skagit, Steilaquamish, Nootsach, Snohomish, and Snoqualmie Rivers.

Improving Skagit, Steilaquamish, Nootsack, Snohomish, and Snoqualmie Rivers, Washington Territory: Continuing improvement, ten thousand dollars.

Missouri River.

Improving Missouri River from its mouth to Sioux City: Continuing improvement, including necessary work at Omaha, Atchison, Saint Joseph, Fort Leavenworth Reservation, Arrow Rock, Kansas City, Plattsmouth, Brownsville, and Nebraska City, three hundred and seventy-five thousand dollars; to be expended under the direction of the Secretary of War, in accordance with plans and estimates to be furnished by the Missouri River Commission.

From Sioux City to Fort Benton.

Improving Missouri River from Sioux City to Fort Benton: Continuing improvement, sixty thousand dollars, under the direction of the Secretary of War.

Removing obstructions.

For removing obstructions in the Missouri River, twenty-two thousand five hundred dollars.

Ohio River.

Improving the Ohio River: Continuing improvement, three hundred and seventy-five thousand dollars; out of which sum thirty-seven thousand five hundred dollars are to be expended at Grand Chain in removing rocks and other obstructions to navigation at that locality; also eighteen thousand seven hundred and fifty dollars may be expended in constructing or aiding in the construction of such an embankment on the south side of the Great Miami River, near its junction with the Ohio, as may be necessary to confine the waters of the Great Miami in great floods to the general course of its channel at or near the Ohio, to the end that the formation of the bar in the Ohio River now forming and obstructing navigation may be arrested; also thirty-seven thousand five hundred dollars, or so much thereof as may be necessary, of said appropriation shall be expended in constructing five ice-piers, pursuant to the present or prospective plans of the Chief of Engineers, at or near the following places, to-wit: One at Pomeroy, Ohio; one at Middleport, Ohio; one at Gallipolis, Ohio; and one at Ironton, Ohio; and one at or near Ashland, Kentucky, on the south side of the Ohio River: *Provided*, That the Secretary of War is hereby authorized and directed to obtain, if he can do so without cost to the United States, perpetual leases or conveyances of the riparian rights of the property-owners at each of said localities, in the event said ice-piers, or any one of them, shall be located where there is no improved landing-place: *And provided further*, That at localities where there are improved landings he shall first obtain a relinquishment of wharfage rights and dues in favor of water-craft seeking protection from damage by ice; and no part of this appropriation shall be used for such purpose until the foregoing conditions are complied

Ice-piers.

Provisos.

Riparian rights.

Relinquishment of wharfage rights.

with. Also, out of said appropriation for the Ohio River eighteen thousand seven hundred and fifty dollars for removing obstruction at the mouth of Licking River; also eleven thousand two hundred and fifty dollars for completing ice-harbor at Four-Mile Bar, near Cincinnati; also twenty thousand dollars, or so much thereof as may be necessary, for Davis Island Dam.

Mississippi reservoir.

For continuing operations upon the reservoirs at the headwaters of the Mississippi River, thirty-seven thousand five hundred dollars: *Provided*, That in the opinion of the Chief of Engineers the expenditure of this appropriation and the ultimate completion of this part of the reservoir system will adequately improve navigation.

Proviso.

Upper Mississippi River.

For operating snag-boat on Upper Mississippi River, twenty-two thousand five hundred dollars.

Mississippi River from Saint Paul to Des Moines Rapids.

Improving Mississippi River from Saint Paul to Des Moines Rapids: Continuing improvement, three hundred and eighty-two thousand five hundred dollars; of which sum six thousand dollars or so much thereof as may be necessary, shall be applied to the removal of the rock at Duck Creek Chain, at the Rock Island Rapids; and of which sum the further amount of fifteen thousand dollars, or so much thereof as may be necessary, may be used by the Secretary of War, in his discretion, for continuing the practical test of the flume invented by M. J. Adams, the said test to be made under the supervision and direction of said Adams; but if not so used the sum shall remain as a part of said appropriation, and be used for the purposes first in this paragraph specified.

Test of flume.

Mississippi River at Des Moines Rapids Canal.

Improving Mississippi River at Des Moines Rapids Canal, under the modified project, twenty-six thousand two hundred and fifty dollars; of which sum fifteen thousand dollars are to be used for pier construction, in extending the outer wall of canal to the pivot-pier of the bridge.

Dry-dock.

For dry-dock at Des Moines Rapids, forty-eight thousand seven hundred and fifty dollars.

Ice-harbor, Dubuque.

Improving ice-harbor at Dubuque, Iowa, the unexpended balance, or so much thereof as shall be necessary, shall be applied to paving instead of riprapping said ice-harbor.

From Des Moines Rapids to Illinois River.

Improving Mississippi River from Des Moines Rapids to the mouth of the Illinois River, including the river at Quincy Bay and the removal of the bars at the mouth of Whipple Creek and Hamburg Bay, including also the strengthening of Sny Island Levee where it crosses Snicarte Slough and other sloughs: Continuing the improvement, one hundred and fifty thousand dollars.

From Illinois River to Ohio River.

Improving Mississippi River from the mouth of the Illinois River to the mouth of the Ohio River, including the completion of the work at Alton, and, at the discretion of the Secretary of War, the protection of the Illinois shore opposite the mouth of the Missouri River: Continuing improvement, three hundred and seventy-five thousand dollars; of which thirty-seven thousand five hundred dollars, or so much thereof as may be necessary, to be expended in extending the work for the protection of the eastwardly bank of the Mississippi River at Cairo, and the prevention

of its wash or erosion, commencing at the southerly end of the present Government revetment work and continuing down stream, and twenty-two thousand five hundred dollars for continuing improvement at Cape Girardeau, Missouri, and Montana Point, Illinois: *Provided*, That the Secretary of War, in his discretion may use not to exceed seventy-five thousand dollars of said sum of three hundred and seventy-five thousand dollars to correct the current of the river and improve the channel at Saint Louis.

From Head of the Passes to Ohio River.

Improving Mississippi River from Head of the Passes to the mouth of the Ohio River: Continuing improvement, two million dollars; which sum shall be expended under the direction of the Secretary of War, in accordance with the plans, specifications, and recommendations of the Mississippi River Commission: *Provided*, That no portion of this appropriation shall be expended to repair or build levees for the purpose of reclaiming lands or preventing injury to lands or private property by overflows: *Provided, however*, That the Commission is authorized to repair and build levees if, in their judgment, it should be done as part of their plan to afford ease and safety to the navigation and commerce of the river and to deepen the channel: *And provided further*, That no works of bank protection or revetment shall be executed in said reaches or elsewhere until after it shall be found that the completion of the permeable contracting works and uniform width of the high-water channel will not secure the desired stability of the river banks: *Provided, however*, That nothing herein contained shall prevent the construction of revetment works where the banks are caving at Greenville Reach, Delta Point, in front of the cities of Vicksburg, Memphis, Hickman, and Columbus: *And provided further*, That contraction works shall be built at the same time in the wide portions of the river immediately above the said revetment works. Of the amount herein appropriated for the Lower Mississippi, seventy-five thousand dollars are to be expended in continuing the work in progress at New Orleans; one hundred and eighty-seven thousand five hundred dollars for the rectification of the Red and Atchafalaya Rivers by preventing further enlargement of the latter stream and restricting its outlet capacity, and for keeping open a navigable channel through the mouth of Red or Old River into the Mississippi; thirty-seven thousand five hundred dollars in improving navigation in the Greenville Reach, by preventing the bank at Greenville from further caving; seventy-five thousand dollars in deepening the channel at Vicksburg by dredging through the bar existing there; but this last-named sum shall not be expended unless after another examination or survey the Commission shall deem it advisable; and if they shall not, then thirty-seven thousand five hundred dollars shall be expended in the improvement of navigation at Vicksburg by constructing suitable dikes and other appropriate works, and fifty-six thousand two hundred and fifty dollars in completing the work on the river at Memphis; also eighteen thousand seven hundred and fifty dollars for work on the river at Hickman, and eighteen thousand seven

Provisos.

Levees.

hundred and fifty dollars for work on the river at Columbus, Kentucky.

For examinations and surveys at South Pass, of the Mississippi River, pursuant to the act of March third, eighteen hundred and seventy-five, ten thousand dollars.

South Pass. Examinations and surveys.

For survey of the Mississippi River from the Head of the Passes to its headwaters: Continuing survey thirty thousand dollars.

Survey from Head of the Passes to headwaters.

For gauging the waters of the Lower Mississippi River and its tributaries, as provided for in joint resolution of the twenty-first of February, eighteen hundred and seventy-one, five thousand dollars.

Gauging.

For continuing the removal of snags, wrecks, and other obstructions in the Mississippi River, fifty-six thousand two hundred and fifty dollars.

Removal of snags, etc.

For gauging the waters in the Columbia River, one thousand dollars.

Columbia River, gauging.

SEC. 2. That in places where harbor-lines have not been established, and where deposits of débris of mines or stamp works can be made without injury to navigation, within lines to be established by the Secretary of War, said officer may, and is hereby authorized to, cause such lines to be established; and within such lines such deposits may be made, under regulations to be from time to time prescribed by him.

Harbor lines to be established.

SEC. 3. It shall not be lawful to cast, throw, empty, or unlade, or cause, suffer, or procure to be cast, thrown emptied, or unladen, either from or out of any ship, vessel, lighter, barge, boat, or other craft, or from the shore, pier, wharf, or mills of any kind whatever, any ballast, stone, slate, gravel, earth, slack, rubbish, wreck, filth, slabs, edgings, sawdust, slag, or cinders, or other refuse or mill-waste of any kind, into New York Harbor: *Provided*, That nothing herein contained shall extend, or be construed to extend, to the casting out, unlading, or throwing out of any ship or vessel, lighter, barge, boat, or other craft, any stones, rocks, bricks, lime, or other materials used, or to be used, in or toward the building, repairing, or keeping in repair, any quay, pier, wharf, weir, bridge, building, or other work lawfully erected or to be erected on the banks or sides of said harbor, or to the casting out unloading or depositing of any material excavated for the improvement of navigable waters, into such places and in such manner as may be deemed by the United States officer supervising the improvement of said harbor most judicious and practicable and for the best interests of such improvement.

New York Harbor. Prohibiting deposits in.

Proviso.

Not to prevent improvements.

SEC. 4. The Secretary of War shall prescribe such rules and regulations as may be necessary to secure a judicious and economical expenditure of the money herein appropriated, and shall cause to be made and submitted to Congress annual reports, together with maps and plans, including the report of the Mississippi River Commission, on or before December first, giving detailed statements of the work done, contracts made, the expenditures thereunder or otherwise, and balances of money on hand up to November first, and the effect of such work, together with such recom-

Regulations, etc., to be prescribed by Secretary of War to secure economical expenditure of appropriation, etc.

mendations as he may deem proper. He shall, at the same time, report to Congress all cases in which piers, breakwaters, locks, and dams, or other structures or works built or made by the United States in aid of commerce or navigation are used, occupied, or injured by a corporation or an individual, and the extent and mode of such use, occupation, or injury. He shall report, at the same time, whether any bridges, causeways, or structures now erected or in process of erection do or will interfere with free and safe navigation.

Work to be done by contract or otherwise.

SEC. 5. It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements other than surveys and estimates, in carrying on the various works, by contract or otherwise, as may be most economical and advantageous to the Government. Where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution and completion of the work according to such contract, and for the prompt payment of all liabilities incurred in the prosecution thereof for labor and material.

Contracts.

Examinations and surveys.

SEC. 6. The Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, to be made, and the cost of improvements to be estimated, at the following localities, to wit:

In the States of—

Arkansas.

ARKANSAS.

Re-examination of Little River.

The lakes connecting with Red River, between Shreveport, Louisiana, and Fulton, Arkansas.

Re-examination of Ouachita above Camden, Arkansas.

Saline River.

Cache River.

California.

CALIFORNIA.

San Pedro Bay near the entrance to Wilmington Harbor, with a view to establishing an outer harbor for the protection of deep-draught vessels.

Mouth of Smith's River.

Crescent City Harbor, with a view to a sea-wall from Battery Point to Flat Rock.

Connecticut.

CONNECTICUT.

Five-Mile River Harbor.

Resurvey of Duck Island Harbor, on Long Island Sound, including plans, specifications, and estimate of cost for making the same a harbor of refuge.

Dakota.

DAKOTA TERRITORY.

James River.

DELAWARE. Delaware.

Duck Creek.

FLORIDA. Florida.

Punta Rassa Harbor.

Resurvey of Tampa Bay, including Hillsborough River up to the city of Tampa.

Resurvey of outer and inner bars at Pensacola.

Charlotte Harbor, including San Carlos Bay.

Clear Water Harbor, including Anclote and Saint Joseph's Bays and the Narrows into Boga Ciega Bay.

Wakulla River from its mouth to Wakulla Springs.

Survey of the channel from Haul-over, on Indian River, to Gilbert's Bar.

Saint Augustine, for a deep-sea channel on the outer bar.

GEORGIA. Georgia.

Savannah River from cross-tides above Savannah to the bar, with a view to obtaining twenty-eight feet of water in the channel.

Flint River from Montezuma to Old Agency.

From Doboy Island to Doboy Bar.

Jekyl Creek.

ILLINOIS. Illinois.

Farm Creek, with a view to changing its course.

Kaskaskia River from New Athens to mouth.

Bars in Hamburg Bay.

Calumet River from the forks of the river near its entrance to Lake Calumet to Riverdale; also Calumet River from Riverdale to Blue Island.

Mississippi River at Rush Island Bend and Ivy Landing, with a view to confining and deepening the channel.

INDIANA. Indiana.

For a survey of the Ohio River, near the city of Evansville, Indiana, with a view to determine what, if anything, will be necessary to prevent a change of the channel of the river in front of that city.

KENTUCKY. Kentucky.

Pond River.

The Secretary of War is directed to report to the next session of Congress whether or not the Government dry-dock at the Louisville and Portland Canal is adequate for the purposes of commerce, and what alterations, if any, are necessary, and the cost of making the same.

Licking River, from Farmer's to West Liberty.

Salt River.

For ice-harbor at Paducah, Kentucky.

The bar at the mouth of Limestone Creek, in the harbor of Maysville.

Louisiana.

LOUISIANA.

Little River.
Bayou Rouge.
Dugdemona River.
Mouth of Bayou Plaquemine, with a view to its connection with the Mississippi River by locks; also Bayou Plaquemine and other connecting streams, to form the best route to Grand Lake.
Bague Falia from present landing to Covington.
Calcasieu Pass, the two bars obstructing the navigation thereof.
Mouth of Calcasieu River, the bar obstructing its mouth.
Bayou Terrebonne from Houma to Thibodeaux.
Bayou Teche from Saint Martinsville to Fort Barre.
Mouth of Bayou La Fourche, with a view to the construction of a lock and dam; Clear Lake, Black Bayou, Red Bayou, Black Lake, and Kelley Bayou, to reopen navigable communication between those streams and Red River; Bayou La Fourche, to secure navigation at low water.
Cornay River.
Ouchita River from Camden to mouth, with a slackwater navigation.
Bayou Vermillion, to secure navigation from Abbeville to the railroad bridge of the Louisiana and Texas Railroad.
Bayou Rondeway.
Cypress Bayou.
Bayou Vidal.

Maine.

MAINE.

Bayoduce River between the towns of Penobscot and Brooksville.
Big Rapids of Saint John's River.
Camden Harbor.
Rockport Harbor.
Kennebec River at Bath, and from Augusta to lower end of Perkin's Island.
Saint George's River from Warren to Thomaston.
Matinicus Isle, with a view to a harbor of refuge.
Penobscot River from Bangor to Bucksport Narrows.
Saint Croix River from Ferry Point Bridge, at Calais, to Breakwater Ledge.
Bar Harbor, Maine, with the view to establishing a breakwater and deepening the waters of said harbor, and especially the channel between Rodick's Island and Mount Desert Island.

Maryland.

MARYLAND.

Cambridge Harbor.
Fairlee Creek.
Patuxent River from Benedict to Hills Landing.
For widening the channel of Baltimore Harbor to six hundred feet.

MASSACHUSETTS. Massachusetts.

Manchester Harbor.
Duxbury Harbor.
Wellfleet Harbor.
Falmouth Harbor of Refuge.
Vineyard Haven Harbor.
Cottage City Harbor.
Menemsha Harbor of Refuge.
Taunton River.
Winthrop Harbor.
New Bedford Harbor.

MICHIGAN. Michigan.

Bar in Saint Clair River opposite Saint Clair City.
Grand River.
North River between Essex and North Bridges.
Biddle's Point at Mackinac Harbor, with a view to a breakwater.
Harbor at Forestville, Lake Huron.
Pigeon River.
Mouth of Black River, Saint Clair County.
Carp River at Leland, with a view to affording an entrance to Carp Lake for harbor of refuge.
Lake Michigan at Empire, with a view to cutting a channel across the bar from Lake Michigan to Bar Lake.
Grand Traverse Bay, with a view to connecting it with Torch Lake, near Eastport.
Pinepog River.
Rouge River at its junction with Detroit River, and up the river to bridge of Saint Louis and Wabash Railroad.
Torch Lake Channel, Lake Superior.

MINNESOTA. Minnesota

Red River of the North from Moorhead to Fergus Falls.
Red Lake River from Grand Forks to Red Lake.
Mississippi River between Saint Paul and Saint Anthony's Falls.
Minnesota River with a view to its improvement by locks and dams.

MISSISSIPPI. Mississippi.

Tombigbee River, to ascertain what improvement is necessary to make said river continuously navigable from Vienna, Alabama, to Walker's Bridge, Mississippi.
Cassity Bayou.
Noxubee River, to ascertain whether it can be made continuously navigable by a system of locks and dams, or otherwise.
Bear Creek.

MISSOURI. Missouri.

Resurvey of the Osage River from its mouth to Osceola, with a view to movable locks and dams, or other methods of improvement.

Little River from Hornersville to its junction with the Saint Francis River.

Saint Francis River from Greenville to the Arkansas State line.

New Hampshire.

NEW HAMPSHIRE.

Bellamy River.

North Carolina.

NORTH CAROLINA.

Alligator River.

Lockwood's Folly River.

Lumber River.

Yadkin River from South Carolina line to the Narrows.

Catawba River.

New Jersey.

NEW JERSEY.

Thoroughfare running back of the ocean from Cape May to the Great Bay north of Atlantic City.

Channel back of Brigantine Beach, between Absecon and Brigantine Inlets.

New York.

NEW YORK.

Channel between Jamaica Bay and Rockaway Inlet.

The East River with a view to the removal of a ledge of rocks situated between five and six hundred feet from the foot of Tenth and Eleventh streets in the city of New York.

Spring Creek.

Waddington Harbor.

Mouth of Patchouge River.

Hudson River between New Baltimore and Coxsackie.

Peter's Neck Bay.

Tonawanda Harbor and Niagara River between Black Rock and Tonawanda, with a view to a sixteen-foot channel.

Glen Cove Harbor.

Oregon.

OREGON.

Wood River.

Link River.

Suislaw River and Bar.

Coquille River between Coquille City and Myrtle Point.

Nehalem Bay and Bar.

Tillamook Bay and Bar.

Umpqua River.

Ohio.

OHIO.

Sandusky Harbor, with a view to a straight channel from the north end of Cedar Point to the east end of the existing channel in front of the city.

Big Hockhocking River from its mouth to Coolville.

Chagrin River at its mouth.

Pennsylvania.

PENNSYLVANIA.

Darby Creek.

RHODE ISLAND. Rhode Island.

Little Narragansett Bay, entrance to the wharves at Watch Hill.

SOUTH CAROLINA. South Carolina.

Mosquito Creek between the South Edisto and Ashepoo Rivers, with a view to connect the South Edisto with the Ashepoo at or near Fenwick's Island.
Mingo Creek.
Clark's Creek.
Little Pee Dee River.
Alligator River and other waters connecting Santee River and Bull's Bay.

TENNESSEE. Tennessee.

North Fork of the Forked Deer River below Dyersburg.
Obeils River from the point where improvements have heretofore been made to the mouth of the West Fork.

TEXAS. Texas.

Cedar Bayou, where it empties into Galveston Bay.

VIRGINIA. Virginia.

Mattox Creek.
Nansemond River.
Louisa Fork of Sandy River.
Roanoke River from Clarkesville, Virginia, to Eaton Falls, North Carolina.
Hunters Creek.

WEST VIRGINIA. West Virginia.

Meadow River.
Gauley River.
Coal River.

WISCONSIN. Wisconsin.

Harbor at Hudson, Lake Saint Croix.

Examination and report on the causes of the extraordinary overflows of the Chippewa River, and what means, if any, can be adopted to prevent their recurrence.

Examinations, survey, etc., not specially provided for.

SEC. 7. For examinations, surveys, and contingencies, and for incidental repairs, for which there is no special appropriation, for rivers and harbors, one hundred thousand dollars: *Provided*, That no survey shall be made of any harbors or rivers until the Chief of Engineers shall have directed a preliminary examination of the same by the local engineer in charge of the district, or an engineer detailed for the purpose; and such local or detailed engineer shall report to said Chief of Engineers, whether, in his opinion, said harbor or river is worthy of improvement, and shall state in such report fully and particularly the facts and reasons on which he bases such opinion, including the pres-

Proviso.

Preliminary examinations to be made before surveys.

ent and prospective demands of commerce; and it shall be the duty of the Chief of Engineers to direct the making of such survey if, in his opinion, the harbor or river proposed to be surveyed be worthy of improvement by the General Government; and he shall report to the Secretary of War the facts, and what public necessity or convenience may be subserved thereby, together with the full reports of the local engineer. Said reports of preliminary examinations and surveys shall be made to the House of Representatives, and are hereby ordered to be printed when so made.

Reports to be made to House of Representatives and printed.

Names of civilian engineers to be reported to Congress, etc.

SEC. 8. That the Secretary of War shall report to Congress, at its next and each succeeding session thereof, the name and place of residence of each civilian engineer employed in the work of improving rivers and harbors by means and as the result of appropriations made in this and succeeding river and harbor appropriation bills, the time so employed, the compensation paid, and the place at and work on which employed.

Approved, August 5, 1886.

August 5, 1886.
Vol. 24, p. 335.

CHAP. 930.—An act to provide for protecting the interests of the United States in the Potomac River Flats, in the District of Columbia.

Potomac River Flats, D. C.

Suit to be brought to establish title, etc., in land affected by the improvement.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be the duty of the Attorney-General of the United States to institute, as soon as may be, in the supreme court of the District of Columbia, a suit against all persons and corporations who may have or pretend to have any right, title, claim, or interest in any part of the land or water in the District of Columbia within the limits of the city of Washington, or exterior to said limits and in front thereof toward the channel of the Potomac River, and composing any part of the land or water affected by the improvements of the Potomac River or its flats in charge of the Secretary of War, for the purpose of establishing and making clear the right of the United States thereto.

Who to be parties defendant; service of process.

SEC. 2. That the suit mentioned in the preceding section shall be in the nature of a bill in equity, and there shall be made parties defendant thereto all persons and corporations known to set up or assert any claim or right to or in the land or water in said first section mentioned, and against all other persons and corporations who may claim to have any such right, title, or interest. On the filing of said bill process shall issue and be served, according to the ordinary course of said court, upon all persons and corporations within the jurisdiction of said court; and public notice shall be given, by advertisement in two newspapers published in the city of Washington, for three weeks successively, of the pendency of said suit, and citing all persons and corporations interested in the subject-matter of said suit, or in the land or water in this act mentioned, to appear, at a day

named in such notice, in said court, to answer the said bill and set forth and maintain any right, title, interest, or claim that any person or corporation may have in the premises; and the court may order such further notice as it shall think fit to any party in interest.

Effect of decree.

SEC. 3. That the said cause shall then proceed with all practicable expedition to a final determination by said court of all rights drawn in question therein; and the said court shall have full power and jurisdiction by its decree to determine every question of right, title, interest, or claim arising in the premises, and to vacate, annul, set aside, or confirm any claim of any character arising or set forth in the premises; and its decree shall be final and conclusive upon all persons and corporations parties to the suit, or who shall fail, after public notice as hereinbefore in this act provided, to appear in said court and litigate his, her, or its claim, and they shall be deemed forever barred from setting up or maintaining any right, title, interest, or claim in the premises.

Interests adverse to the United States to be valued and reported to Congress.

SEC. 4. That if, on the final hearing of said cause, the said supreme court of the District of Columbia shall be of opinion that there exists any right, title, or interest in the land or water in this act mentioned in any person or corporation adverse to the complete and paramount right of the United States, the said court shall forthwith and in a summary way proceed to ascertain the value of any such right, title, interest, or claim, exclusive of the value of any improvement to the property covered by such right, title, or interest made by or under the authority of the United States, and report thereof shall be made to Congress.

Appeal to Supreme Court of the United States.

SEC. 5. That from the final decree of the supreme court of the District of Columbia, and every part thereof, in the premises, an appeal shall be allowed to the United States, and to any other party in the cause complaining of such decree, to the Supreme Court of the United States, which last-mentioned court shall have full power and jurisdiction to hear, try, and determine the said matter, and every part thereof, and to make final decree in the premises; and the said cause shall, on motion of the Attorney-General of the United States, be advanced to the earliest practicable hearing: *Provided*, That no payment under any such judgment shall be made unless hereafter authorized by Congress.

Cause to be advanced.

Proviso. Payments.

No money to be spent on property in dispute until final decision.

SEC. 6. That until the final decision of the matters hereinbefore in this act mentioned shall have been had, no moneys appropriated for the improvement of the Potomac River within the District of Columbia, the establishment of harbor-lines in the District of Columbia, and the raising of the flats therein shall be expended otherwise than upon property in respect of which there is no claim adverse to the title of the United States or for the improvement of navigation in the said river.

Approved, August 5, 1886.

Feb. 28, 1887.
Vol. 24, p. 429.

Chap. 277.—An act granting to the Kanawha and Ohio Railroad Company the right to lay its track through United States lock and dam property in the Great Kanawha Valley, State of West Virginia.

Right of way to Kanawha and Ohio Railroad company through Government property on the Great Kanawha River, W. Va.

Location.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Kanawha and Ohio Railroad Company is hereby authorized to maintain and use its track through the United States property at lock and dam number six on the north side of the Great Kanawha River, in Kanawha County, West Virginia, and to use for a right of way through said property a section of land fifty-four feet wide and bounded and described as follows, to wit: Beginning at a point in the lower line of the United States lot one hundred and sixty-three feet from the corner stone marking the lower or western end of the line to said lot along the public road, running thence north sixty-six degrees east six hundred feet through the said lot to a point in the upper line thereof; thence with said upper line south twenty-four degrees thirty minutes east, crossing the center line of the said railroad at twenty-seven feet, in all fifty-four feet; thence south sixty-six degrees west six hundred feet through the said lot to a point in the lower line thereof; thence with the lower line of said lot north twenty-four degrees thirty minutes west, crossing the center line of the said railroad at twenty-seven feet, in all, fifty-four feet, to the place of beginning, containing about three-fourths of an acre. And the privilege is also hereby granted to said company of hereafter laying, maintaining, and using a track through the United States property on the north bank of said river at lock and dam number four, and at lock and dam number three, and at lock and dam number two, in said county, subject however, to the antecedent written consent and approval of the Secretary of War as to location, construction, and width of right of way: *Provided*, That said Kanawha and Ohio Railroad Company, its successors and assigns, shall if the Secretary of War in his discretion require it, pay a reasonable yearly rental for said property, the amount thereof to be ascertained and prescribed by the Secretary of War: *Provided, however*, That the said company shall construct and maintain, at its own cost, all such wagon-crossings, cattle-guards, and fences over and along the line of its road through the said Government property, at all of the four lock and dam sites mentioned in this act, as may be required by the Secretary of War: *Provided further*, That the said company shall take up and remove its track or tracks from the said property, or any part thereof, at either or all of the four sites mentioned, whenever thereto directed by the Secretary of War; and such removal shall not be made the foundation for any claim for damages against the United States: *And provided further*, That the right to repeal, alter, or amend this act is reserved to Congress.

Provisos.

Rental.

Crossings.

Removal of tracks when required.

Approved February 28, 1887.

STATEMENT OF EACH ANNUAL APPROPRIATION AND ALLOTMENT FOR EACH WORK FOR THE IMPROVEMENT OF RIVERS AND HARBORS FROM AUGUST 11, 1790, TO MARCH 3, 1887, ARRANGED BY STATES SO FAR AS PRACTICABLE.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
ALABAMA.		
Alabama River:		
June 18, 1878	$25,000.00	.....
Mar. 3, 1879	30,000.00	.....
June 14, 1880	25,000.00	.....
Mar. 3, 1881	20,000.00	.....
Aug. 2, 1882	20,000.00	.....
July 5, 1884	10,000.00	.....
Aug. 5, 1886	15,000.00	.....
Total	145,000.00	.....
Black Warrior River:		
July 5, 1884	50,000.00	.....
Aug. 5, 1886	56,250.00	.....
Total	106,250.00	.....
Cahaba River:		
Aug. 2, 1882	20,000.00	.....
July 5, 1884	10,000.00	.....
Aug. 5, 1886	7,500.00	.....
Total	37,500.00	.....
Mobile Harbor etc.:		
May 20, 1826	10,000.00	$2,871.22
Mar. 2, 1829	*2,871.22	.....
Mar. 2, 1829	20,000.00	.....
June 28, 1834	10,000.00	.....
Mar. 3, 1835	17,997.60	.....
Mar. 3, 1837	50,000.00	.....
July 7, 1838	50,000.00	7,134.00
Aug. 30, 1852	50,000.00	54.85
July 11, 1870	50,000.00	.....
Mar. 3, 1871	50,000.00	.....
June 10, 1872	75,000.00	.....
Mar. 3, 1873	100,000.00	.....
June 23, 1874	100,000.00	.....
Mar. 3, 1875	26,000.00	.....
June 18, 1878	10,000.00	.....
Mar. 3, 1879	100,000.00	.....
June 14, 1880	125,000.00	.....
Mar. 3, 1881	100,000.00	.....
Aug. 2, 1882	125,000.00	.....
July 5, 1884	200,000.00	.....
Aug. 5, 1886	90,000.00	.....
Total	1,361,868.82	10,060.07
Minge, Collier H, and others (Mobile Harbor):		
Mar 3, 1857	6,919.38	.....
Mar. 3, 1857	13,913.62	.....
Total	20,833.00	.....
Pa au Herron:		
May 23, 1828	18,000.00	6,050.00
July 3, 1832	*6,050.00	4,499.38
Total	24,050.00	10,549.38
ALABAMA—Cont'd.		
Tallapoosa River:		
Aug. 2, 1882	$15,000.00	.....
July 5, 1884	10,000.00	.....
Aug. 5, 1886	7,500.00	.....
Total	32,500.00	.....
Warrior River:		
July 5, 1884	12,000.00	.....
Aug. 5, 1886	18,750.00	.....
Total	30,750.00	.....
ARKANSAS.		
Black River:		
June 14, 1880	15,000.00	.....
Fourche Le Feve River:		
Mar. 3, 1879	10,000.00	.....
June 14, 1880	4,000.00	.....
Mar. 3, 1881	3,000.00	.....
Aug. 2, 1882	4,000.00	.....
Aug. 5, 1886	5,000.00	.....
Total	26,000.00	.....
L'Anguille River:		
June 18, 1878	10,000.00	.....
Mar. 3, 1879	5,000.00	.....
June 14, 1880	2,000.00	.....
Total	17,000.00	.....
Little Missouri River:		
Mar. 3, 1871	10,000.00	.....
June 10, 1872	10,000.00	.....
Total	20,000.00	.....
Little Red River:		
Aug. 5, 1886	3,000.00	.....
Petit Jean River:		
Aug. 5, 1886	3,000.00	.....
Saline River:		
June 14, 1880	7,500.00	.....
Mar. 3, 1881	5,000.00	.....
Aug. 2, 1882	4,000.00	.....
July 5, 1884	5,000.00	.....
Total	21,500.00	.....
St. Francis River:		
Mar. 3, 1871	10,000.00	.....
June 14, 1880	5,000.00	.....
July 5, 1884	12,000.00	.....
Aug. 5, 1886	8,000.00	.....
Total	35,000.00	.....
Upper Red River:		
Mar. 3, 1879	10,000.00	.....
June 14, 1880	10,000.00	.....
Total	20,000.00	.....

* Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
ARKANSAS—Cont'd.		
White River:		
June 23, 1874	$50,000.00	
Aug. 14, 1876	10,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	5,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	4,000.00	
Aug. 2, 1882	6,000.00	
July 5, 1884	35,000.00	
Aug. 5, 1886	18,000.00	
Total	166,000.00	
White, Black, and Little Red Rivers:		
Mar. 3, 1871	10,000.00	
CALIFORNIA.		
Humboldt Harbor:		
July 5, 1884	62,500.00	
Humboldt Harbor and Bay:		
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	40,000.00	
Aug. 5, 1886	75,000.00	
Total	155,000.00	
Mokelumne River:		
July 5, 1884	8,000.00	
Aug. 5, 1886	2,500.00	
Total	10,500.00	
Oakland Harbor:		
June 23, 1874	100,000.00	
Mar. 3, 1875	100,000.00	
Aug. 14, 1876	75,000.00	
June 18, 1878	80,000.00	
Mar. 3, 1879	60,000.00	
June 14, 1880	60,000.00	
Mar. 3, 1881	60,000.00	
Aug. 2, 1882	200,000.00	
July 5, 1884	139,600.00	
Aug. 5, 1886	60,000.00	
Total	934,600.00	
Petalumas Creek:		
June 14, 1880	8,000.00	
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	14,000.00	
Total	30,000.00	
Redwood Harbor:		
July 5, 1884	3,000.00	
Aug. 5, 1886	5,000.00	
Total	8,000.00	
Sacramento and Feather Rivers:		
Mar. 3, 1875	15,000.00	
June 18, 1878	15,000.00	
July 5, 1884	40,000.00	
Total	70,000.00	
Sacramento River:		
Mar. 3, 1879	20,000.00	
June 14, 1880	45,000.00	
Mar. 3, 1881	60,000.00	
Aug. 2, 1882	250,000.00	
Total	375,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
CALIFORNIA—Cont'd.		
San Diego River:		
Aug. 30, 1852	$30,000.00	
Mar. 3, 1875	8,000.00	
Mar. 3, 1879	1,000.00	
Total	39,000.00	
San Diego, Newport, and San Luis Obispo Harbors:		
Aug. 5, 1886	5,000.00	
San Francisco Harbor, San Pablo Bay, Suisun Bay, Strait of Carquinez, mouth of San Joaquin River, and mouth of Sacramento River:		
Aug. 5, 1886	11,000.00	
San Francisco Harbor:		
July 25, 1868	50,000.00	
Apr. 10, 1869	29,927.27	
June 10, 1872	50,000.00	
June 23, 1874	25,000.00	
Total	154,927.27	
San Joaquin River, etc.:		
Aug. 14, 1876	20,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	40,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	18,750.00	
Total	158,750.00	
Wilmington Harbor:		
Mar. 3, 1871	200,000.00	
June 10, 1872	75,000.00	
Mar. 3, 1873	150,000.00	
Mar. 3, 1875	30,000.00	
June 18, 1878	20,000.00	
Mar. 3, 1879	12,000.00	
June 14, 1880	35,000.00	
Mar. 3, 1881	33,000.00	
Aug. 2, 1882	100,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	75,000.00	
Total	780,000.00	
CONNECTICUT.		
Black Rock Harbor:		
July 4, 1836	10,000.00	
July 7, 1838	11,550.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	5,000.00	
Total	46,550.00	
Bridgeport Harbor:		
July 4, 1836	10,000.00	$43.60
Aug. 30, 1852	10,000.00	99.60
Mar. 3, 1871	20,000.00	
June 10, 1872	40,000.00	
Mar. 3, 1873	30,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	15,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	20,000.00	
Total	230,000.00	142.20

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
CONNECTICUT—Cont'd.		
Cedar Point:		
July 4, 1836	$1,000.00	
Clinton Harbor:		
Aug. 2, 1882	3,000.00	
Connecticut River:		
Mar. 2, 1829	130.00	$69.06
July 11, 1870	40,000.00	
Mar. 3, 1871	20,000.00	
Mar. 3, 1871	35,000.00	
June 10, 1872	25,000.00	
June 10, 1872	40,000.00	
Mar. 3, 1873	20,000.00	
Mar. 3, 1873	20,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	20,000.00	
Aug. 14, 1876	20,000.00	
June 18, 1878	30,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	10,000.00	
June 14, 1880	15,000.00	
Mar. 3, 1881	30,000.00	
July 5, 1884	35,000.00	
Aug. 5, 1886	26,250.00	
Total	416,380.00	69.06
Hartford and New York Steamboat Company:		
June 20, 1878	4,208.00	
Hartford and New York Transportation Company:		
July 7, 1884	2,124.00	
July 7, 1884	6,479.32	
Mar. 3, 1885	*6,479.32	
Total	15,082.64	
Housatonic River:		
Mar. 3, 1871	15,000.00	
June 10, 1872	15,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	5,000.00	
June 18, 1878	5,000.00	
June 14, 1880	2,000.00	
Mar. 3, 1881	2,000.00	
Aug. 2, 1882	2,000.00	
July 5, 1884	2,500.00	
Aug. 5, 1886	5,000.00	
Total	73,500.00	
Milford Harbor:		
June 3, 1874	5,000.00	
Mar. 3, 1875	13,000.00	
June 18, 1878	10,000.00	
June 14, 1880	5,000.00	
Aug. 2, 1882	5,000.00	
Total	38,000.00	
Mill River:		
Mar. 2, 1829	6,097.00	
Mill River Harbor:		
July 3, 1832	4,490.43	
New Haven Harbor:		
Aug. 30, 1852	6,000.00	
July 11, 1870	15,000.00	
Mar. 3, 1871	40,000.00	250.56
June 10, 1872	15,000.00	
June 10, 1872	20,000.00	
Mar. 3, 1873	25,000.00	
Mar. 3, 1873	10,000.00	
June 18, 1878	25,000.00	
Mar. 3, 1879	15,000.00	
Mar. 3, 1879	30,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
CONNECTICUT—Cont'd.		
New Haven Harbor—Continued.		
June 14, 1880	$30,000.00	
June 14, 1880	15,000.00	
Mar. 3, 1881	60,000.00	
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	60,000.00	
Aug. 2, 1882	30,000.00	
July 5, 1884	10,000.00	
July 5, 1884	40,000.00	
Aug. 5, 1886	20,000.00	
Aug. 5, 1886	75,000.00	
Total	556,000.00	$250.56
New London Harbor:		
Mar. 3, 1881	4,300.00	
Aug. 2, 1882	9,000.00	
July 5, 1884	2,000.00	
Aug. 5, 1886	2,000.00	
Total	17,300.00	
Norwalk Harbor:		
Mar. 2, 1829	80.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	7,000.00	
June 18, 1878	6,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	3,000.00	
Total	76,080.00	
Saybrook Harbor:		
July 4, 1836	20,000.00	15,710.00
Mar. 3, 1839	*15,710.00	50.09
Mar. 1, 1843	3,471.57	
Total	39,181.57	15,760.09
Southport Harbor:		
July 4, 1836	1,500.00	
Mar. 3, 1837	1,000.00	
Mar. 3, 1875	5,000.00	
Aug. 14, 1876	5,000.00	
June 14, 1880	2,500.00	
Mar. 3 1881	2,500.00	
Aug. 2, 1882	3,000.00	
Total	20,500.00	
Stamford Harbor:		
Mar. 2, 1829	100.00	16.60
Aug. 5, 1886	10,000.00	
Total	10,100.00	16.60
Stonington Harbor:		
May 23, 1828	20,000.00	6.37
Apr. 23, 1830	16,491.67	2,170.81
June 27, 1834	262.16	
Mar. 3, 1873	25,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	25,000.00	
June 18, 1878	40,000.00	
Mar. 3, 1879	37,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	30,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	20,000.00	
Total	293,753.83	2,177.18

*Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
CONNECTICUT—Cont'd.		
Thames River:		
Mar. 3, 1821	$150.00	
Mar. 2, 1829	150.00	$5.24
July 4, 1836	10,000.00	
Mar. 3, 1837	20,000.00	
July 7, 1838	10,000.00	
June 23, 1866	10,000.00	
Mar. 2, 1867	36,000.00	
Mar. 2, 1867	36,000.00	
Mar. 3, 1871	15,000.00	.30
June 10, 1872	10,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	12,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	30,000.00	
Aug. 2, 1882	35,000.00	
July 5, 1884	25,000.00	
Aug. 5, 1886	22,500.00	
Total	306,800.00	5.54
Westbrook Harbor:		
Mar. 2, 1829	130.00	
Westport (or Saugatuck) Harbor:		
May 20, 1826	400.00	
Mar. 2, 1827	1,500.00	28.03
Apr. 30, 1830	*28.00	28.00
July 4, 1836	3,000.00	
Mar. 3, 1837	3,734.00	
July 7, 1838	4,782.00	
Mar. 2, 1867	2,500.00	
July 11, 1870	2,500.00	
Aug. 5, 1886	1,000.00	
Total	19,444.00	56.03
DELAWARE.		
Broad Creek:		
June 14, 1880	5,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	5,000.00	
Total	20,000.00	
Broad Kiln River:		
Mar. 3, 1873	10,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
Total	25,000.00	
Christiana River:		
Mar. 3, 1881	50,000.00	
Ice Harbor, New Castle:		
Mar. 3, 1873	20,000.00	
Delaware Bay Ice Harbor:		
Aug. 2, 1882	25,000.00	
Delaware Breakwater Harbor:		
Jan. 23, 1880	25,000.00	
Delaware Breakwater:		
Apr. 23, 1830	162,000.00	
Mar. 2, 1831	208,000.00	
July 3, 1832	270,000.00	
Mar. 2, 1833	270,000.00	
June 28, 1834	270,000.00	
Mar. 3, 1835	100,000.00	
July 2, 1836	100,000.00	
Mar. 3, 1837	141,000.00	
July 7, 1838	150,000.00	304.75
Aug. 30, 1852	30,000.00	19.93
June 23, 1866	107,910.00	
Mar. 2, 1867	109,493.70	
Aug. 2, 1882	125,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
DELAWARE—Cont'd.		
Delaware Breakwater—Continued.		
July 5, 1884	$75,000.00	
Aug. 5, 1886	56,250.00	
Total	2,174,652.70	$324.68
Duck Creek:		
June 14, 1880	5,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	2,000.00	
Total	10,000.00	
Indian River:		
Aug. 2, 1882	10,000.00	
Lewes Harbor:		
Mar. 3, 1875	25,000.00	
Mispillion Creek:		
Mar. 3, 1879	3,000.00	
June 14, 1880	4,000.00	
Mar. 3, 1881	3,500.00	
Aug. 2, 1882	3,000.00	
Total	13,500.00	
Nanticoke River:		
Aug. 5, 1886	10,000.00	
New Castle Harbor:		
Mar. 2, 1829*	17,895.99	
July 2, 1836	25,000.00	
Mar. 3, 1837	10,000.00	373.18
July 7, 1838	11,573.00	
Aug. 30, 1852	15,000.00	15.88
July 15, 1870	2,500.00	
June 10, 1872	27,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	20,000.00	
Aug. 14, 1876	12,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	5,500.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	20,000.00	
July 5, 1884	2,000.00	
Aug. 5, 1886	5,000.00	
Total	196,468.99	389.06
Reedy Island:		
Aug. 30, 1852	51,090.00	.97 77.43
	51,090.00	78.40
Saint Jones River:		
Mar. 3, 1881	5,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	25,000.00	
Wilmington Harbor:		
July 4, 1836	15,000.00	
Mar. 3, 1837	8,000.00	2,411.22
July 7, 1838	9,356.00	
July 11, 1870	15,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	6,000.00	
June 23, 1874	6,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	16,000.00	
June 18, 1878	7,000.00	
Mar. 3, 1879	3,500.00	
June 14, 1880	10,000.00	
Aug. 2, 1882	50,000.00	
July 5, 1884	25,000.00	
Aug. 5, 1886	18,750.00	
Total	209,606.00	2,411.22

*Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
DISTRICT OF COLUMBIA.		
Washington and Georgetown Harbors:		
Mar. 3, 1873	$50,000.00	
June 18, 1878	50,000.00	
Mar. 3, 1879	50,000.00	
June 14, 1880	40,000.00	
Mar. 3, 1881	50,000.00	
Total	240,000.00	
FLORIDA.		
Apalachicola Bay:		
Mar. 3, 1839*	9,900.00	
May 8, 1840	150.29	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	12,000.00	
Total	77,050.29	
Apalachicola Bay and River:		
June 30, 1834	500.00	
July 4, 1836	10,000.00	$9,900.00
Total	10,500.00	9,900.00
Apalachicola Harbor and River (which includes unexpended appropriation of last year):		
Mar. 2, 1833	8,700.00	157.97
Apalachicola River:		
May 23, 1828	3,000.00	
Apr. 23, 1830	2,000.00	
Mar. 2, 1831	8,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
June 18, 1878	8,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	2,000.00	
Mar. 3, 1881	1,500.00	
Aug. 2, 1882	2,000.00	
July 5, 1884	1,000.00	
Aug. 5, 1886	1,000.00	
Total	53,500.00	
Bulkhead Shoal:		
July 7, 1831†	10,000.00	
Caloosahatchee River:		
Aug. 2, 1882	5,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	4,000.00	
Total	14,000.00	
Cedar Keys Harbor:		
June 10, 1872	7,500.00	
Mar. 3, 1875	15,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	20,000.00	
Mar. 3, 1879	15,000.00	
June 14, 1880	15,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	7,000.00	
Total	94,500.00	
Chipola River:		
Feb. 24, 1835	5,000.00	6,000.00
July 2, 1836	4,000.00	
Total	9,000.00	6,000.00

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
FLORIDA—Cont'd.		
Choctawhatchie River:		
Mar. 3, 1833	$5,000.00	
June 15, 1844	10,000.00	$2,123.38
June 23, 1874	5,000.00	
Mar. 3, 1875	5,000.00	
Aug. 4, 1876	5,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	7,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	15,000.00	
Total	102,000.00	2,123.38
Escambia River:		
Mar. 2, 1833	5,000.00	
July 2, 1836	5,500.00	5,500.00
June 14, 1880	8,000.00	
Mar. 3, 1881	5,000.00	
July 5, 1884	3,000.00	
Total	26,500.00	5,500.00
Indian River:		
June 15, 1844	1,500.00	1,500.00
Aug. 30, 1852	5,000.00	5.06
Total	6,500.00	1,505.06
Inside passage, Fernandina to Saint John's:		
Mar. 3, 1879	7,000.00	
June 14, 1880	7,000.00	
Total	14,000.00	
Key West Harbor:		
Aug. 2, 1882	25,000.00	
Aug. 5, 1886	2,500.00	
Total	27,500.00	
King's Road:		
Mar. 2, 1827	11,000.00	
La Grange Bayou:		
Aug. 5, 1846	2,000.00	
Manatee and Pease Rivers:		
Aug. 5, 1886	13,000.00	
Manatee River:		
Aug. 2, 1882	12,000.00	
Ochlawaha River:		
Feb. 24, 1835	10,090.60	6,088.05
Ochlochney River:		
Mar. 2, 1833	5,000.00	
Pease Creek:		
Mar. 3, 1881	7,000.00	
Aug. 2, 1882	4,000.00	
Total	11,000.00	
Pensacola Harbor:		
June 18, 1878	20,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	40,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	50,000.00	
July 5, 1884	55,000.00	
Aug. 5, 1886	20,000.00	
Total	215,000.00	

*Re-appropriated. †Transferred to Apalachicola Harbor and reappropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
FLORIDA—Cont'd.		
Saint Augustine Harbor:		
Mar. 2, 1829	$300.00	
June 27, 1834	2.84	
Mar. 3, 1841	15,000.00	
Sept. 9, 1841	5,000.00	
Mar. 3, 1840	*1,133.04	
	5,266.96	
Mar. 3, 1849	5,000.00	
Aug. 30, 1852	3,000.00	$6.17
		90.20
Total	34,702.84	96.37
St. John's River:		
May 23, 1828	13,500.00	1,501.25
Apr. 23, 1830	1,500.00	
Aug. 30, 1852	10,000.00	4.57
		822.60
July 11, 1870	15,000.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
June 18, 1878	10,000.00	
June 14, 1880	125,000.00	
Mar. 3, 1881	100,000.00	
Aug. 2, 1882	150,000.00	
July 5, 1884	150,000.00	
Aug. 5, 1886	150,000.00	
Total	770,000.00	2,328.42
St. Mark's River and Harbor:		
May 23, 1828	500.00	197.25
Mar. 2, 1829	6,500.00	
Apr. 23, 1830	10,000.00	
Mar. 2, 1831	7,430.00	
July 3, 1832	4,500.00	
Mar. 2, 1833	1,500.00	100.00
June 28, 1834	4,600.00	70.79
June 15, 1844	2,500.00	1,151.10
Total	37,530.00	1,519.14
St. Mary's River:		
Mar. 2, 1833	9,000.00	
Mar. 3, 1835	15,000.00	
July 2, 1836	5,000.00	
Mar. 3, 1837	5,000.00	
July 7, 1838	29,000.00	6,102.07
		438.26
Total	63,000.00	6,540.33
St. Sebastian's River:		
Mar. 2, 1827	5,000.00	
Ship Canal:		
Aug. 30, 1852	20,000.00	
Suwanee River:		
Mar. 3, 1839	15,000.00	4,845.98
June 14, 1880	5,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	33,000.00	4,845.98
Tampa Bay:		
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	10,000.00	
Total	70,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
FLORIDA—Cont'd.		
Upper St. John's River:		
July 5, 1884	$5,000.00	
Volusia Bar:		
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	2,000.00	
Aug. 5, 1886	7,500.00	
Total	24,500.00	
Withlacoochee River:		
Mar. 3, 1881	7,500.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	3,000.00	
Total	13,500.00	
Yellow River:		
Mar. 3, 1839	500.00	$37.51
GEORGIA.		
Altamaha River:		
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	20,000.00	
Total	55,000.00	
Brunswick Harbor:		
July 4, 1836	10,000.00	9,956.00
Mar. 3, 1879	20,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	4,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	23,500.00	
Total	102,500.00	9,956.00
Darien Harbor:		
June 18, 1878	8,000.00	
Etowah River:		
Aug. 14, 1876	10,000.00	
Flint River:		
June 18, 1878	10,000.00	
Mar. 3, 1879	7,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	20,000.00	
Total	117,000.00	
Ocmulgee River:		
Aug. 14, 1876	15,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	7,000.00	
June 14, 1880	7,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	7,500.00	
Total	64,500.00	
Oconee River:		
June 18, 1878	10,000.00	
Mar. 3, 1879	1,500.00	
June 14, 1880	1,500.00	
Mar. 3, 1881	2,500.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	9,000.00	
Total	32,500.00	

*Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
GEORGIA—Cont'd.		
Oostenaula and Coosawattee Rivers:		
Mar. 3, 1875	$5,000.00	
June 18, 1878	4,000.00	
Mar. 3, 1879	3,000.00	
June 14, 1880	2,000.00	
Mar. 3, 1881	1,000.00	
Total	15,000.00	
Oostenaula River:		
June 23, 1874	10,000.00	
Romerly Marsh:		
Aug. 2, 1882	10,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	17,475.00	
Total	37,475.00	
St. Augustine Creek:		
Mar. 3, 1879	5,000.00	
Savannah Harbor and River:		
May 18, 1826	50,000.00	$24,490.00
Mar. 3, 1829	*24,490.00	314.04
July 3, 1832	*25,000.00	
Mar. 21, 1833	*43.06	
Mar. 2, 1833	8,430.62	
June 28, 1834	30,000.00	
Mar. 3, 1835	20,000.00	
July 7, 1838	15,000.00	
Aug. 30, 1852	40,000.00	
Mar. 3, 1855	161,000.00	309.26 163.28
June 10, 1872	50,000.00	
Mar. 3, 1873	50,000.00	
June 23, 1874	50,000.00	
Mar. 3, 1875	75,000.00	
Aug. 14, 1876	62,000.00	
June 18, 1878	70,000.00	
Mar. 3, 1879	100,000.00	
June 14, 1880	16,000.00	
June 14, 1880	65,000.00	
Mar. 3, 1881	15,000.00	
Mar. 3, 1881	8,000.00	
Mar. 3, 1881	65,000.00	
Aug. 2, 1882	15,000.00	
Aug. 2, 1882	25,000.00	
Aug. 2, 1882	200,000.00	
July 5, 1884	15,000.00	
July 5, 1884	200,000.00	
Aug. 5, 1886	15,000.00	
Aug. 5, 1886	150,000.00	
Total	1,619,963.68	25,767.58
Surveys and examinations in Georgia:		
Aug. 30, 1852	10,000.00	629.13
Wells, Henry S. (Savannah River, Ga.):		
Feb. 27, 1874	193,132.96	
IDAHO.		
Lower Clearwater River:		
Mar. 3, 1879	5,000.00	
June 14, 1880	5,000.00	
Aug. 2, 1882	5,000.00	
Total	15,000.00	

*Reappropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
ILLINOIS.		
Calumet Harbor:		
Mar. 3, 1871	$50,000.00	
June 10, 1872	40,000.00	
Mar. 3, 1873	40,000.00	
June 23, 1874	25,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	20,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	12,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	30,000.00	
Aug. 2, 1882	35,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	10,000.00	
Total	342,000.00	
Calumet River:		
July 5, 1884	50,000.00	
Aug. 5, 1886	30,000.00	
Total	80,000.00	
Chicago Harbor:		
Mar. 3, 1833	25,000.00	
June 28, 1834	32,801.00	
Mar. 3, 1835	32,800.00	
July 2, 1836	32,000.00	
Mar. 3, 1837	40,000.00	
July 7, 1838	30,000.00	
Mar. 3, 1843	25,000.00	
June 11, 1844	30,000.00	
Aug. 30, 1852	20,000.00	$0.10
June 23, 1866	88,704.00	
July 25, 1868	35,000.00	
Apr. 10, 1869	29,700.00	
July 11, 1870	100,000.00	
July 11, 1870†	50,000.00	
Mar. 3, 1871	100,000.00	
June 10, 1872	90,000.00	
Mar. 3, 1873	90,000.00	
June 23, 1874	75,000.00	
Mar. 3, 1875	78,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	75,000.00	
Mar. 3, 1879	75,000.00	
June 14, 1880	145,000.00	
Mar. 3, 1881	150,000.00	
Aug. 2, 1882	200,000.00	
July 5, 1884	100,000.00	
Aug. 5, 1886	75,000.00	
Total	1,829,005.00	.10
Galena River and Harbor:		
June 18, 1878	30,000.00	
Mar. 3, 1879	12,000.00	
June 14, 1880	12,000.00	
Mar. 3, 1881	12,000.00	
Total	66,000.00	
Hennepin Canal:		
Aug. 2, 1882	30,000.00	
Illinois River:		
Aug. 30, 1852	30,000.00	
Apr. 10, 1869	84,150.00	
July 11, 1870	100,000.00	
Mar. 3, 1873	100,000.00	
June 23, 1874	75,000.00	
Mar. 3, 1875	75,000.00	
Aug. 14, 1876	40,000.00	
June 18, 1878	75,000.00	
Mar. 3, 1879	40,000.00	
June 14, 1880	110,000.00	
Mar. 3, 1881	250,000.00	
Aug. 2, 1882	175,000.00	

†Harbor of refuge.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
ILLINOIS—Cont'd.		
Illinois River—Cont'd.		
July 5, 1884	$100,000.00	
Aug. 5, 1886	112,500.00	
Total	1,366,650.00	
Quincy Bay (Mississippi River):		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	15,000.00	
Total	25,000.00	
Rock Island Harbor:		
June 14, 1880	6,000.00	
Mar. 3, 1881	6,000.00	
Total	12,000.00	
Rock River:		
July 7, 1838	1,000.00	$65.37
Waukegan Harbor:		
Aug. 30, 1852	15,000.00	
June 14, 1880	15,000.00	
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	20,000.00	
Total	105,000.00	
INDIANA.		
Michigan City Harbor:		
July 4, 1836	20,000.00	
Mar. 3, 1837	30,000.00	
July 7, 1838	60,733.59	
June 11, 1844	25,000.00	
Aug. 30, 1852	20,000.00	5.15
Mar. 2, 1855	470.33	
June 23, 1866	75,000.00	
July 25, 1868	25,000.00	
Apr. 10, 1869	31,185.00	
July 11, 1870	25,000.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	50,000.00	
Mar. 3, 1873	50,000.00	
June 23, 1874	50,000.00	
Mar. 3, 1875	50,000.00	
Aug. 14, 1876	35,000.00	
June 18, 1878	75,000.00	
Mar. 3, 1879	40,000.00	
June 14, 1880	55,000.00	
Mar. 3, 1881	45,000.00	
Aug. 2, 1882	80,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	56,250.00	
Total	963,638.92	5.15
Wabash River:		
May 23, 1828	500.00	
June 10, 1872	50,000.00	
Mar. 3, 1873	50,000.00	
June 23, 1874	25,000.00	
Mar. 3, 1875	40,000.00	
Aug. 14, 1876	70,000.00	
June 18, 1878	50,000.00	
Mar. 3, 1879	20,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	70,000.00	
July 5, 1884	10,000.00	
July 5, 1884	30,000.00	
Aug. 5 1886	60,000.00	
Total	550,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
INDIANA—Cont'd.		
White River:		
Mar. 3, 1879	$35,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	7,500.00	
Total	102,500.00	
IOWA.		
Burlington Harbor:		
Aug. 14, 1876	10,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	5,000.00	
Total	30,000.00	
Cedar River:		
Mar. 3, 1839	1,500.00	
Des Moines and Iowa Rivers:		
July 7, 1838	1,000.00	$0.36
Dubuque Harbor:		
June 15, 1844	7,500.00	
Mar. 3, 1845	7,000.00	
Aug. 30, 1852	15,000.00	.01
Mar. 3, 1873	8,132.95	
Total	37,632.95	.01
Dubuque ice-harbor:		
Aug. 2, 1882	20,000.00	
July 5, 1884	20,000.00	
Total	40,000.00	
Fort Madison Harbor:		
Aug. 14, 1876	10,000.00	
June 18, 1878	8,000.00	
Mar. 3, 1879	3,600.00	
Mar. 3, 1881	2,500.00	
Total	24,100.00	
Muscatine Harbor:		
Mar. 3, 1879	7,500.00	
June 14, 1880	7,500.00	
Mar. 3, 1881	2,500.00	
Aug. 2, 1882	2,500.00	
Total	20,000.00	
KENTUCKY.		
Big Sandy River:		
June 18, 1878	12,000.00	
Mar. 3, 1879	12,000.00	
June 14, 1880	35,000.00	
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	30,000.00	
Total	234,000.00	
Kentucky River:		
Mar. 3, 1879	100,000.00	
June 14, 1880	100,000.00	
Mar. 3, 1881	125,000.00	
Aug. 2, 1882	225,000.00	
July 5, 1884	250,000.00	
Aug. 5, 1886	187,500.00	
	987,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
KENTUCKY—Cont'd.		
Kentucky River—Con. Allotment from indefinite appropriation for operating and care of canals, etc.:		
1885	$15,000.00	
1886	24,000.00	
1887	35,133.60	
Total	74,133.60	
Tradewater River:		
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	3,500.00	
July 5, 1884	2,000.00	
Aug. 5, 1886	2,000.00	
Total	10,500.00	
South Fork Cumberland River:		
Aug. 5, 1886	5,000.00	
LOUISIANA.		
Amite River:		
June 14, 1880	8,000.00	
Mar. 3, 1881	5,000.00	
Aug. 5, 1886	2,000.00	
Total	15,000.00	
Bayou Black:		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	5,000.00	
Total	25,000.00	
Bayou Boeuf:		
Mar. 3, 1881	5,000.00	
Bayou Courtebleau:		
June 14, 1880	7,500.00	
Mar. 3, 1881	7,500.00	
July 5, 1884	4,000.00	
Aug. 5, 1886	5,000.00	
Total	24,000.00	
Bayou D'Arbonne:		
July 5, 1884	5,000.00	
Aug. 5, 1886	2,000.00	
Total	7,000.00	
Bayou La Fourche:		
Aug. 30, 1852	2,500.00	$2,013.98
June 18, 1878	10,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	500.00	
July 5, 1884	5,000.00	
Total	33,000.00	2,013.98
Bayou Techeand River:		
Mar. 2, 1829	200.00	200.00
May 5, 1870	500.00	
July 11, 1870	17,500.00	5,037.27
June 14, 1880	6,000.00	
Mar. 3, 1881	20,000.00	
Mar. 3, 1881	25,000.00	
July 5, 1884	6,500.00	
Total	75,700.00	5,237.27

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
LOUISIANA—Cont'd.		
Bayou Terrebonne:		
June 14, 1880	$10,000.00	
Mar. 3, 1881	8,800.00	
Aug. 2, 1882	7,000.00	
Aug. 5, 1886	10,000.00	
Total	35,800.00	
Boeuf River:		
Aug. 2, 1882	5,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	15,000.00	
Calcasieu Pass:		
June 10, 1872	15,000.00	
Mar. 3, 1881	12,000.00	
Total	27,000.00	
Calcasieu River:		
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	7,000.00	
July 5, 1884	6,500.00	
Total	16,500.00	
Cane River:		
July 5, 1884	2,500.00	
Lake Pontchartrain Harbor:		
Aug. 30, 1852	25,000.00	$557.67
Loggy Bayou, Lake Bistenan, and the Dorcheat:		
July 5, 1884	5,000.00	
Mississippi River, New Orleans to mouth:		
Feb. 10, 1809	25,000.00	
Mar. 2, 1829	500.00	
July 4, 1836	75,000.00	
Mar. 3, 1837	210,000.00	497.97
Sept. 30, 1850	50,000.00	
Aug. 30, 1852	75,000.00	
Aug. 31, 1852	50,000.00	454.66 4.43
July 8, 1856	330,000.00	3,447.55
June 23, 1866	75,000.00	
Mar. 2, 1867	200,000.00	
July 25, 1868	50,000.00	
April 10, 1869	85,181.00	
April 11, 1870	300,000.00	
Mar. 3, 1871	125,000.00	
June 10, 1872	155,000.00	
Mar. 3, 1873	125,000.00	
Mar. 3, 1873	34,988.53	
Apr. 3, 1874	30,000.00	
June 23, 1874	180,000.00	12.25
Mar. 3, 1875	250,000.00	
Mar. 3, 1875	5,000.00	
May 1, 1876	2,100.28	
Aug. 14, 1876	100,000.00	
Aug. 14, 1876	15,000.00	
James. B. Eads:		
Jan. 10, 1877	500,000.00	
Jan. 10, 1878	500,000.00	
June 18, 1878	15,000.00	
June 21, 1878	500,000.00	
Oct. 5, 1878	63,068.41	
Nov. 8, 1878	22,317.83	
Nov. 26, 1878	5,790.28	
Dec. 28, 1878	9,089.94	
Jan. 11, 1879	24,629.10	
Jan. 21, 1879	61,139.64	
Feb. 17, 1879	30,846.86	
Mar. 3, 1879	750,000.00	
Mar. 7, 1879	750,000.00	
Mar. 14, 1879	33,117.94	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
LOUISIANA—Cont'd.		
Mississippi River—Con.		
James B. Eads:		
Mar. 25, 1879	$19,105.39	
May 15, 1879	162,027.94	
May 29, 1879	500,000.00	
June 26, 1879	68,866.67	
July 3, 1879	500,000.00	
July 23, 1879	500,000.00	
Dec. 4, 1879	25,000.00	
Feb. 24, 1880	50,000.00	
May 18, 1880	25,000.00	
June 14, 1880	20,000.00	
Aug. 20, 1880	50,000.00	
Dec. 8, 1880	25,000.00	
Feb. 17, 1881	50,000.00	
Mar. 3, 1881	10,000.00	
July 2, 1881	25,000.00	
Sept. 10, 1881	50,000.00	
Dec. 6, 1881	25,000.00	
Feb. 20, 1882	50,000.00	
May 17, 1882	25,000.00	
Aug. 2, 1882	10,000.00	
Sept. 21, 1882	50,000.00	
Jan. 31, 1883	25,000.00	
Mar. 15, 1883	50,000.00	
June 14, 1883	25,000.00	
Sept. 15, 1883	50,000.00	
Dec. 15, 1883	25,000.00	
Mar. 12, 1884	6,000.00	
Mar. 17, 1884	50,000.00	
June 16, 1884	25,000.00	
July 5, 1884	10,000.00	
Sept. 18, 1884	50,000.00	
Dec. 16, 1884	25,000.00	
Mar. 18, 1885	50,000.00	
June 20, 1885	25,000.00	
Sept. 17, 1885	50,000.00	
Dec. 23, 1885	25,000.00	
Apr. 7, 1886	50,000.00	
May 26, 1886	6,492.00	
July 8, 1886	25,000.00	
Aug. 5, 1886	10,000.00	
Oct. 4, 1886	50,000.00	
Jan. 8, 1887	25,000.00	
Total	8,660,261.81	$4,416.86
New Orleans Harbor:		
June 18, 1878	50,000.00	
Mar. 3, 1879	60,000.00	
June 14, 1880	75,000.00	
Mar. 3, 1881	75,000.00	
Total	260,000.00	
Tangipahoa River:		
June 10, 1872	2,500.00	102.50
June 14, 1880	5,000.00	
Mar. 3, 1881	2,000.00	
July 5, 1884	2,000.00	
Total	11,500.00	102.50
Tchefuncte River, etc.:		
June 10, 1872	6,000.00	779.00
Mar. 3, 1881	1,500.00	
Aug. 2, 1882	1,500.00	
Aug. 5, 1886	2,500.00	
Total	11,500.00	779.00
Tensas River:		
Mar. 3, 1881	3,000.00	
July 5, 1884	4,000.00	
Aug. 5, 1886	4,000.00	
Total	11,000.00	

Name of work and date of act.	Amount appropriated	Amount carried to surplus fund.
LOUISIANA—Cont'd.		
Tickfaw River:		
Mar. 3, 1881	$2,000.00	
Aug. 2, 1882	2,000.00	
Aug. 5, 1886	2,000.00	
Total	6,000.00	
Tones Bayou:		
June 10, 1872	20,000.00	
Vermillion River:		
June 14, 1880	5,000.00	
Mar. 3, 1881	4,900.00	
Total	9,900.00	
MAINE.		
Bangor Harbor and Penobscot River:		
July 5, 1884	20,000.00	
Belfast Harbor:		
May 20, 1826	1,200.00	$166.24
Aug. 14, 1876	5,000.00	
June 18, 1878	12,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	3,000.00	
Total	26,200.00	166.24
Camden Harbor:		
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Total	30,000.00	
Cathance River:		
June 14, 1880	10,000.00	
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	5,000.00	
Total	21,000.00	
Cobscook Bay:		
July 14, 1836	300.00	
Aug. 30, 1852	5,000.00	1,126.49
Total	5,300.00	1,126.49
Gut, The		
July 11, 1870	10,000.00	
Mar. 3, 1871	6,500.00	
June 18, 1878	17,000.00	
June 14, 1880	7,000.00	
Mar. 3, 1881	5,000.00	
Total	45,500.00	
Kennebec River:		
Mar. 2, 1827	4,000.00	
May 19, 1828	3,500.00	
Apr. 23, 1830	5,000.00	
July 3, 1832	*2,579.68 20.32	336.09
July 20, 1840	1,075.39	
Aug. 30, 1852	6,000.00	32.10
June 23, 1866	20,000.00	
Mar. 2, 1867	30,000.00	
Apr. 10, 1869	14,850.00	
July 11, 1870	15,000.00	
Mar. 3, 1871	10,000.00	
Mar. 3, 1871	5,000.00	
June 10, 1872	8,000.00	
Mar. 3, 1873	12,000.00	
June 23, 1874	12,000.00	
Mar. 3, 1875	15,000.00	
Total	164,025.39	368.19

*Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MAINE—Cont'd.		
Kennebunk River:		
Mar. 2, 1829	$5,000.00	
Mar. 2, 1831	1,175.00	
July 3, 1832	1,700.00	
June 28, 1834	10,300.00	
July 2, 1836	7,000.00	
Mar. 3, 1837	3,000.00	
July 7, 1838	8,000.00	
Aug. 30, 1852	7,500.00	$83.49
Aug. 11, 1870	5,000.00	
Mar. 3, 1871	5,000.00	
Aug. 14, 1876	5,000.00	
Mar. 3, 1879	2,000.00	
June 14, 1880	2,000.00	
Mar. 3, 1881	2,000.00	
Total	64,675.00	83.49
Lubec Channel:		
Mar. 3, 1879	10,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	45,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	115,000.00	
Machias River:		
Mar. 3, 1873	12,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Total	32,000.00	
Martinicus Island:		
Aug. 30, 1852	1,000.00	337.70
Moosabec Bar (Jonesport):		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	40,000.00	
Narraguagus River:		
Mar. 3, 1871	12,000.00	
June 10, 1872	10,000.00	
Aug. 5, 1886	10,000.00	
Total	32,000.00	
Owl's-head (Rockland) Harbor:		
July 4, 1836	400.00	
Aug. 30, 1852	15,000.00	4.95
June 7, 1858	2,502.11	
Total	17,902.11	4.95
Penobscot River:		
Mar. 2, 1829	300.00	2.70
July 11, 1870	15,000.00	
Mar. 3, 1871	50,000.00	
June 10, 1872	40,000.00	
Mar. 3, 1873	20,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	12,000.00	
Mar. 3, 1879	6,000.00	
Aug. 5, 1886	15,000.00	
Total	213,300.00	2.70
Portland Harbor:		
July 4, 1836	$10,000.00	
Mar. 3, 1837	25,000.00	
July 7, 1838	26,360.00	89.84
June 23, 1866	105,111.05	
July 11, 1870	10,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MAINE—Cont'd.		
Portland Harbor—Continued.		
Mar. 3, 1871	40,000.00	$121.71
June 10, 1872	45,000.00	
Mar. 3, 1873	50,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	20,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	35,000.00	
July 5, 1884	30,000.00	
Aug. 5, 1886	30,000.00	
Aug. 5, 1886	26,250.00	
Total	492,721.05	211.55
Port Jefferson Harbor:		
Aug. 30, 1852	1,200.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	15,000.00	
Aug. 14, 1876	6,000.00	
June 18, 1878	8,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	4,000.00	
Aug. 2, 1882	8,000.00	
Total	65,200.00	
Richmond Harbor:		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
Total	20,000.00	
Richmond Island Harbor:		
Aug. 30, 1852	10,000.00	155.78
June 10, 1872	10,000.00	
Mar. 3, 1873	60,000.00	
Mar. 3, 1875	15,000.00	
June 18, 1878	6,000.00	
Mar. 3, 1879	3,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	3,000.00	
Total	120,000.00	155.78
Rockland Harbor:		
June 14, 1880	20,000.00	
Aug. 2, 1882	40,000.00	
July 5, 1884	40,000.00	
Aug. 5, 1886	22,500.00	
Total	122,500.00	
Royal River:		
Mar. 3, 1871	10,000.00	
June 10, 1872	10,000.00	
Aug. 2, 1882	10,000.00	
Total	30,000.00	
Saco Harbor and River:		
Mar. 2, 1827	7,000.00	
June 23, 1866	40,000.00	
Mar. 2, 1867	40,000.00	3.25
July 25, 1868	20,000.00	
Apr. 10, 1869	22,275.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	15,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	12,500.00	
Aug. 5, 1886	12,500.00	
Total	209,275.00	3.25
Saint Croix River:		
Mar. 2, 1867	15,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1881	4,000.00	
Total	39,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MAINE—Cont'd.		
Sullivan River:		
Mar. 3, 1871	$10,000.00	
June 10, 1872	25,000.00	
Total	35,000.00	
Union River:		
July 11, 1870	15,000.00	
Mar. 3, 1871	15,000.00	$25.00
Total	30,000.00	25.00
Wells Harbor:		
June 10, 1872	5,000.00	
York Harbor:		
Aug. 5, 1886	15,000.00	
MARYLAND.		
Annapolis Harbor:		
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Total	10,000.00	
Baltimore Harbor:		
July 4, 1836	20,000.00	
Mar. 3, 1837	15,000.00	
July 7, 1838	20,000.00	
July 25, 1868	17,000.00	
Apl. 10, 1869	26,730.00	
June 23, 1874	75,000.00	
Mar. 3, 1875	75,000.00	
Aug. 14, 1876	75,000.00	
June 18, 1878	75,000.00	
Mar. 3, 1879	160,000.00	
June 14, 1880	100,000.00	
Mar. 3, 1881	150,000.00	
Aug. 2, 1882	450,000.00	
July 5, 1884	250,000.00	
Aug. 5, 1886	150,000.00	
Total	1,658,730.00	
Baltimore Harbor (entrance):		
June 2, 1872	100,000.00	
Mar. 3, 1873	200,000.00	
Total	300,000.00	
Battery Island:		
Aug. 5, 1886	17,275.00	
Breton Bay:		
June 18, 1878	5,000.00	
Mar. 3, 1879	4,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	6,500.00	
Total	29,500.00	
Cambridge Harbor:		
Mar. 3, 1871	10,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	5,000.00	
June 18, 1878	5,000.00	
Mar. 3, 1879	2,500.00	
Total	32,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MARYLAND—Cont'd.		
Chester River:		
Mar. 3, 1873	$15,000.00	
June 23, 1874	5,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	3,000.00	
Mar. 3, 1881	6,500.00	
Aug. 2, 1882	6,500.00	
Total	41,000.00	
Choptank River:		
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	10,000.00	
Total	30,000.00	
Crisfield Harbor:		
Mar. 3, 1875	37,317.50	
Corsica Creek:		
Aug. 2, 1882	5,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	10,000.00	
Total	20,000.00	
Deal's Island:		
Mar. 3, 1881	5,000.00	
Elk River:		
June 23, 1874	5,000.00	
Mar. 3, 1875	5,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	6,500.00	
Total	31,500.00	
Northeast River:		
June 10, 1872	10,000.00	
June 14, 1880	5,500.00	
Total	15,500.00	
Patapsco River:		
Aug. 30, 1852	20,000.00	
Aug. 16, 1856	100,000.00	
June 23, 1866	5,200.00	
Mar. 2, 1867	75,000.00	$472.84
July 11, 1870	42,900.00	
Mar. 3, 1871	50,000.00	
Total	293,100.00	472.84
Pocomoke River:		
June 18, 1878	10,000.00	
Aug. 5, 1886	8,000.00	
Total	18,000.00	
Queenstown Harbor:		
Mar. 3, 1871	5,000.00	
June 10, 1872	6,000.00	
Mar. 3, 1879	3,000.00	
Total	14,000.00	
St. Jerome's Creek:		
Mar. 3, 1881	6,500.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	15,000.00	
Total	26,500.00	
Secretary Creek:		
June 14, 1880	3,000.00	
Mar. 3, 1881	3,000.00	
Total	6,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MARYLAND—Cont'd.		
Tread Haven Creek:		
June 14, 1880	$3,000.00	
Mar. 3, 1881	3,000.00	
Total	6,000.00	
Upper Thoroughfare:		
Aug. 2, 1882	5,000.00	
Wicomico River:		
June 10, 1872	5,000.00	
Mar. 3, 1873	5,000.00	
June 23, 1874	5,000.00	
Mar. 3, 1875	5,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	5,000.00	
Mar. 3, 1879	3,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	2,000.00	
July 5, 1884	10,000.00	
Total	50,000.00	
Worton Harbor:		
June 10, 1872	12,000.00	
MASSACHUSETTS.		
Bass River:		
Mar. 2, 1829	150.00	$0.07
July 4, 1836	10,000.41	
July 7, 1838	10,000.00	
Total	20,150.41	.07
Boston Harbor:		
Mar. 2, 1825	52,972.56	
Mar. 19, 1828	2,000.00	
May 23, 1828	87,000.00	27.82
Mar. 2, 1829	7,310.54	
Mar. 2, 1831	12,390.00	
Mar. 2, 1831	5,000.00	
Feb. 24, 1832	9,000.00	
July 3, 1832	60,000.00	397.39
July 4, 1836	15,000.00	
July 7, 1838	7,353.00	
Mar. 3, 1841	1,000.00	
Mar. 3, 1841	1,500.00	
Aug. 31, 1842	2,000.00	
Mar. 1, 1843	16,000.00	130.77
July 20, 1848	40,000.00	
June 12, 1866	75,000.00	494.64
June 12, 1866	50,000.00	568.90
Mar. 2, 1867	375,000.00	
July 25, 1868	43,000.00	
Apr. 10, 1869	82,170.00	
July 11, 1870	100,000.00	
Mar. 3, 1871	100,000.00	
June 10, 1872	75,000.00	
Mar. 3, 1873	150,000.00	
June 23, 1874	100,000.00	
Mar. 3, 1875	100,000.00	
Aug. 14, 1876	50,000.00	
June 18, 1878	55,000.00	
Mar. 3, 1879	50,000.00	
June 14, 1880	75,000.00	
Mar. 3, 1881	100,000.00	
Aug. 2, 1882	96,500.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	56,250.00	
Total	2,056,446.10	1,619.52
Cape Cod Harbor:		
Aug. 30, 1852	5,000.00	23.35 .60
Total	5,000.00	23.95

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MASSACHUSETTS—Con.		
Deer and Lovell's Islands, Boston Harbor:		
July 2, 1864	$10,000.00	
Feb. 28, 1865	3,000.00	
Total	13,000.00	
Duxbury Harbor:		
July 4, 1836	5,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
Total	25,000.00	
East Dennis Breakwater (Barnstable Bay):		
Aug. 30, 1852	1,500.00	$1,492.43
Edgartown Harbor:		
Mar. 2, 1829	2,500.00	
June 10, 1872	20,000.00	
Total	22,500.00	
Fall River Harbor:		
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	10,000.00	
Total	30,000.00	
Folger, Samuel B., relief of (Nantucket Harbor):		
June 15, 1844	536.74	
Gloucester Harbor:		
Mar. 3, 1823	6,000.00	
June 10, 1872	10,000.00	
Aug. 5, 1886	5,000.00	
Total	21,000.00	
Great Brewster Island:		
Aug. 30, 1852	30,000.00	
July 2, 1864	40,000.00	
Feb. 28, 1865	20,000.00	
Apr. 10, 1869	24,750.00	
Total	114,750.00	
Hingham Harbor:		
Aug. 5, 1886	6,000.00	
Hyannis Harbor:		
Mar. 2, 1827	10,650.00	27.00
Apr. 23, 1830	6,517.82	
Mar. 2, 1831	8,400.00	
July 3, 1832	7,600.00	
Mar. 2, 1833	5,000.00	
June 28, 1834	10,000.00	
Mar. 3, 1835	9,000.00	
Mar. 3, 1837	5,000.00	
July 7, 1838	8,764.00	
Aug. 30, 1852	5,000.00	47.24
July 11, 1870	12,000.00	
Mar. 3, 1871	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	5,000.00	
June 18, 1878	3,000.00	
Mar. 3, 1879	2,500.00	
Mar. 3, 1881	5,000.00	
Aug. 5, 1886	10,000.00	
Total	133,431.82	74.24
Ipswich River:		
Aug. 5, 1886	2,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MASSACHUSETTS—Con.		
Lynn Harbor:		
Aug. 2, 1882	$60,000.00	
Aug. 5, 1886	6,000.00	
Total	66,000.00	
Malden River:		
Aug. 2, 1882	10,000.00	
Marblehead Harbor:		
Mar. 3, 1825	400.00	$150.58
Aug. 30, 1852	500.00	
Total	900.00	150.58
Merrimac River:		
May 23, 1828	32,100.00	
Apr. 23, 1830	3,506.72	
Mar. 2, 1831	16,000.00	
Mar. 2, 1833	4,900.00	900.00
June 28, 1834	3,860.00	
July 11, 1870	25,000.00	
Mar. 3, 1871	25,000.00	
June 10, 1872	25,000.00	
Mar. 3, 1873	25,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	12,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	12,000.00	
Mar. 3, 1881	9,000.00	
Aug. 2, 1882	9,000.00	
July 5, 1884	3,500.00	
Total	230,866.72	900.00
Nantucket Harbor:		
May 23, 1828	300.00	.63
Mar. 2, 1829	30,000.00	
Mar. 2, 1831	8,265.00	
July 3, 1832	6,000.00	4,910.00
June 15, 1844	412.12	
June 15, 1844	320.89	
June 14, 1880	50,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	15,000.00	
Total	170,298.01	4,910.63
New Bedford Harbor:		
July 4, 1836	10,000.00	7,655.73
July 7, 1838*	7,691.37	1.00
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	10,000.00	
Total	37,691.37	7,656.73
Newburyport Harbor:		
June 14, 1880	50,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	40,000.00	
July 5, 1884	40,000.00	
Aug. 5, 1886	37,500.00	
Total	207,500.00	
North River:		
Mar. 2, 1829	180.00	1.06
Plumb Island Bridge and Turnpike Company:		
June 4, 1842	8,000.00	
Plymouth Beach Harbor:		
May 26, 1824	20,000.00	
Mar. 3, 1825	5,712.00	
Mar. 25, 1826	13,184.90	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MASSACHUSETTS—Con.		
Plymouth Beach Harbor—Continued.		
Apr. 23, 1830	$1,850.00	
Mar. 2, 1831	2,820.00	
July 3, 1832	2,500.00	
Mar. 2, 1833	600.00	
June 28, 1834	2,000.00	
Mar. 3, 1835	700.00	
July 2, 1836	500.00	
July 7, 1838	2,400.00	$26.60
Aug. 30, 1852	5,000.00	1.65 61.90
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	2,500.00	
Mar. 3, 1873	3,000.00	
June 23, 1874	5,000.00	
Mar. 3, 1875	10,000.00	
June 18, 1878	5,000.00	
Mar. 3, 1879	3,500.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	14,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	6,000.00	
Total	156,266.90	90.16
Provincetown Harbor, etc:		
May 20, 1826	3,500.00	3,500.00
Mar. 2, 1829	3,500.00	
Mar. 2, 1831	2,050.00	
July 3, 1832	4,600.00	
June 28, 1834	4,400.00	
Mar. 3, 1835	4,400.00	
July 2, 1836	4,400.00	
July 7, 1838	4,500.00	142.50
June 23, 1866	43,068.44	
July 28, 1866	8,000.00	
Apr. 10, 1869	8,910.00	
Mar. 3, 1871	6,000.00	
June 10, 1872	5,000.00	
Mar. 3, 1873	6,000.00	
June 23, 1874	6,000.00	
Mar. 3, 1875	5,000.00	
Aug. 14, 1876	4,000.00	
June 18, 1878	1,000.00	
Mar. 3, 1879	1,000.00	
June 14, 1880	500.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	2,000.00	
Aug. 5, 1886	3,000.00	
Total	140,828.44	3,642.50
Salem Harbor:		
Mar. 3, 1873	15,000.00	
June 23, 1874	10,000.00	
Total	25,000.00	
Sandy Bay:		
Mar. 29, 1829	150.00	3.32
July 4, 1836	10,000.00	
Mar. 3, 1837	20,000.00	
July 7, 1838	20,000.00	
Feb. 13, 1845	18,437.27	
Mar. 3, 1847	645.30	
Total	69,232.57	3.32
Sandy Bay, Cape Ann, harbor of refuge:		
July 5, 1884	100,000.00	
Aug. 5, 1886	100,000.00	
Total	200,000.00	

*Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MASSACHUSETTS—Con.		
Scituate Harbor:		
Aug. 30, 1852	$1,000.00	$87.96
June 14, 1880	7,500.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	48,500.00	87.96
Taunton River, etc.:		
Aug. 30, 1852	3,000.00	49.79
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
June 18, 1878	2,000.00	
Mar. 3, 1879	1,000.00	
June 14, 1880	17,500.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	26,500.00	
Total	160,000.00	49.79
Wareham Harbor:		
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	15,000.00	
Total	80,000.00	
Wellfleet Harbor:		
June 10, 1872	5,000.00	
Wood's Holl:		
Aug. 30, 1852	2,500.00	17.24
Mar. 3, 1879	15,000.00	
Aug. 2, 1882	52,000.00	
July 5, 1884	25,000.00	
Aug. 5, 1886	14,500.00	
Total	109,000.00	17.24
MICHIGAN.		
Au Sable Harbor, etc:		
Apr. 10, 1869	2,970.00	
Mar. 3, 1879	7,000.00	
June 14, 1880	7,000.00	
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	5,000.00	
Total	27,970.00	
Au Sable River:		
Mar. 2, 1867	50,000.00	
July 11, 1870	15,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	10,000.00	
June 23, 1874	1,000.00	
Aug. 14, 1876	1,000.00	
Total	87,000.00	
Aux Becs Scels Harbor:		
June 23, 1866	88,541.00	
Mar. 2, 1867	10,000.00	
July 25, 1868	10,000.00	
Apr. 10, 1869	29,318.85	
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
Total	157,859.85	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MICHIGAN—Cont'd.		
Bell river ice harbor of refuge:		
Aug. 2, 1882	$5,000.00	
July 5, 1884	2,000.00	
Total	7,000.00	
Bell River:		
Mar. 3, 1881	7,000.00	
Black Lake Harbor:		
Aug. 30, 1852	8,000.00	$1.19
June 23, 1866	55,615.31	
Mar. 2, 1867	51,000.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	12,000.00	
June 23, 1874	15,000.00	
Mar. 3, 1875	15,000.00	
Aug. 14, 1876	15,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	6,000.00	
June 14, 1880	6,000.00	
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	5,000.00	
Total	259,615.31	1.19
Black River:		
June 10, 1872	15,000.00	
Cedar River Harbor:		
Aug. 2, 1882	1,500.00	
July 5, 1884	15,000.00	
Total	16,500.00	
Charlevoix Harbor:		
Aug. 14, 1876	10,000.00	
June 18, 1878	12,000.00	
Mar. 3, 1879	9,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	81,000.00	
Cheboygan Harbor:		
Mar. 3, 1871	10,000.00	
June 2, 1872	15,000.00	
Mar. 3, 1873	15,000.00	
June 23, 1874	15,000.00	
Mar. 3, 1875	15,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	8,000.00	
Mar. 3, 1879	3,000.00	
June 14, 1880	6,000.00	
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	15,000.00	
Total	133,000.00	
Clinton River:		
Aug. 30, 1852	5,000.00	
July 11, 1870	5,000.00	
Mar. 3, 1871	1,500.00	
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	6,000.00	
Aug. 5, 1886	6,000.00	
Total	31,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MICHIGAN—Cont'd.		
Detroit River:		
June 23, 1874	$25,000.00	
June 18, 1878	100,000.00	
Mar. 3, 1879	50,000.00	
June 14, 1880	50,000.00	
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	60,000.00	
July 5, 1884	200,000.00	
Aug. 5, 1886	37,500.00	
Total	572,500.00	
Eagle Harbor:		
Mar. 2, 1867	65,000.00	
Mar. 3, 1875	10,000.00	
Mar. 14, 1876	12,000.00	
June 18, 1878	8,000.00	
Mar. 3, 1879	2,000.00	
Total	97,000.00	
Frankfort Harbor:		
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	3,000.00	
June 18, 1878	8,800.00	
Mar. 3, 1879	4,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	7,000.00	
Total	97,800.00	
Grand Haven Harbor:		
June 23, 1866	65,000.00	
Apr. 10, 1869	1,866.15	
July 11, 1870	10,000.00	
Mar. 3, 1871	6,000.00	
June 10, 1872	15,000.00	
Mar. 3, 1873	75,000.00	
June 23, 1874	50,000.00	
Aug. 14, 1876	15,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	9,000.00	
June 14, 1880	50,000.00	
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	40,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	30,000.00	
Total	481,866.15	
Grand Marais Harbor of Refuge:		
June 14, 1880	10,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	40,000.00	
July 5, 1884	35,000.00	
Aug. 5, 1886	26,250.00	
Total	131,250.00	
Grand River Harbor:		
Aug. 30, 1852	2,000.00	
Mar. 2, 1867	40,000.00	
Total	42,000.00	
Grand River:		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	25,000.00	
Total	50,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MICHIGAN—Cont'd.		
Harbor of Refuge, Lake Huron:		
June 10, 1872	$100,000.00	
Mar. 3, 1873	75,000.00	
Total	175,000.00	
Hay Lake Channel, St. Mary's River:		
July 5, 1884	125,000.00	
Aug. 5, 1886	150,000.00	
Total	275,000.00	
Lake Huron Harbor of Refuge:		
Mar. 3, 1871	100,000.00	
June 23, 1874	75,000.00	
Mar. 3, 1875	100,000.00	
Aug. 14, 1876	75,000.00	
June 18, 1878	100,000.00	
Mar. 3, 1879	75,000.00	
June 10, 1880	75,000.00	
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	75,000.00	
Total	725,000.00	
La Plaisance Bay:		
May 20, 1826	200.00	$89.11
Mar. 2, 1827	3,977.81	
Mar. 3, 1829	2,318.00	
Apr. 30, 1830	*89.11	
July 3, 1832	8,000.00	
June 28, 1834	4,895.00	
July 2, 1836	323.15	20.02
Total	19,803.07	109.13
Ludington Harbor (formerly Pere Marquette):		
Mar. 2, 1867	50,000.00	
Apr. 10, 1869	31,185.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	10,000.00	.90
Mar. 3, 1873	25,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	8,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	12,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	52,250.00	
Total	288,435.00	.90
Manistee Harbor:		
Mar. 2, 1867	60,000.00	
July 11, 1870	20,000.00	
Mar. 3, 1871	9,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	14,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	238,000.00	

*Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MICHIGAN—Cont'd.		
Manistique Harbor:		
June 14, 1880	$5,000.00	
Mar. 3, 1881	1,000.00	
Total	6,000.00	
Marquette Harbor:		
Mar. 2, 1867	85,000.00	
Apr. 10, 1869	26,730.00	
July 11, 1870	25,000.00	
Mar. 3, 1871	60,000.00	
June 10, 1872	50,000.00	
Mar. 3, 1873	15,000.00	
June 23, 1874	15,000.00	
Mar. 3, 1875	15,000.00	
Aug. 14, 1876	2,000.00	
June 18, 1878	2,000.00	
Mar. 3, 1879	1,500.00	
June 14, 1880	1,000.00	
Aug. 2, 1882	16,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	10,000.00	
Total	329,230.00	
Monroe Harbor (Raisin River):		
Feb. 24, 1835	30,000.00	
July 2, 1836	15,000.00	
Mar. 3, 1837	30,000.00	
July 7, 1839	15,000.00	$19.71
June 11, 1844	20,000.00	
Aug. 30, 1852	14,000.00	
June 23, 1866	31,015.27	2.21
June 10, 1876	10,000.00	
Mar. 3, 1873	15,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	2,500.00	
Mar. 3, 1879	2,000.00	
June 14, 1880	2,000.00	
Mar. 3, 1881	1,000.00	
Aug. 2, 1882	1,000.00	
Aug. 5, 1886	2,000.00	
Total	215,515.27	21.92
Muskegon Harbor:		
Mar. 2, 1867	59,000.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	15,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	7,500.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	12,500.00	
Total	234,000.00	
New Buffalo Harbor:		
Aug. 30, 1852	8,000.00	
Aug. 30, 1852	14,000.00	
Mar. 2, 1867	60,000.00	
July 11, 1870	5,000.00	
June 10, 1872	50,000.00	
Aug. 2, 1882	5,000.00	
Total	142,000.00	
Ontonagon Harbor:		
Mar. 2, 1867	97,600.00	
July 11, 1870	10,000.00	
June 23, 1874	23,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	15,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	17,000.00	
MICHIGAN—Cont'd.		
Ontonagon Harbor—Continued.		
June 14, 1880	$15,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	13,000.00	
Total	285,600.00	
Pentwater Harbor:		
Mar. 2, 1867	55,000.00	
Apr. 10, 1869	17,820.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	30,000.00	
Mar. 3, 1873	20,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	6,000.00	
June 14, 1880	4,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	10,000.00	
Total	217,820.00	
Pine and St. Clair Rivers:		
Mar. 3, 1875	5,000.00	
Portage Lake Harbor of Refuge:		
Mar. 3, 1879	10,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	12,500.00	
Aug. 5, 1886	15,000.00	
Total	82,500.00	
Portage Lake and River Improvement Company:		
Aug. 5, 1886	10,000.00	
Saginaw River:		
June 23, 1866	67,500.00	
Mar. 2, 1867	28,000.00	
July 25, 1868	9,000.00	
July 11, 1870	1,500.00	
June 23, 1874	15,000.00	
Mar. 3, 1875	30,000.00	
Aug. 14, 1876	11,000.00	
June 18, 1878	25,000.00	
Mar. 3, 1879	8,000.00	
June 14, 1880	15,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	125,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	33,750.00	
Total	428,750.00	
St. Clair Flats and Canal:		
Aug. 30, 1852	20,000.00	
July 8, 1856	45,000.00	$0.24
June 23, 1866	80,000.00	
Mar. 2, 1867	150,000.00	
July 25, 1868	86,000.00	
Apr. 10, 1869	142,560.00	
July 11, 1870	11,500.00	
Mar. 3, 1871	1,500.00	
June 10, 1872	4,000.00	
Mar. 3, 1873	100,000.00	
June 18, 1878	5,000.00	
Mar. 3, 1879	3,000.00	
June 14, 1880	2,500.00	
Total	651,060.00	.24

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MICHIGAN—Cont'd.		
St. Clair Flats and Canal—Continued.		
Allotments from indefinite appropriation for operating and care of canals, etc.:		
1882	$9,889.60	
1883	5,000.00	
1884	3,495.49	
1885	8,499.31	
1886	5,200.00	
1887	1,500.00	
Total	33,584.40	
St. Clair River:		
Mar. 3, 1873	15,000.00	
June 23, 1874	15,000.00	
Mar. 3, 1875	10,000.00	
June 18, 1878	1,500.00	
Total	41,500.00	
St. Clair Ship Canal:		
Aug. 5, 1886	18,750.00	
St. Joseph Harbor and River:		
July 4, 1836	20,000.00	
Mar. 3, 1837	15,000.00	
July 7, 1838	51,113.00	
Mar. 3, 1843	25,000.00	
June 11, 1844	20,000.00	
Aug. 30, 1852	10,000.00	$0.80
June 23, 1866	6,000.00	
Mar. 2, 1867	23,000.00	
July 11, 1870	15,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	3,000.00	
June 23, 1874	2,000.00	
Mar. 3, 1875	35,000.00	
Aug. 14, 1876	12,000.00	
June 18, 1878	12,000.00	
Mar. 3, 1879	6,000.00	
June 14, 1880	8,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	12,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	10,000.00	
Total	320,113.00	.80
St. Mary's Falls Canal and River:		
July 8, 1856	100,000.00	
June 23, 1866	50,000.00	
Mar. 2, 1867	50,000.00	
April 10, 1869	10,692.00	
July 11, 1870	150,000.00	
Jan. 18, 1871	100,000.00	
Mar. 3, 1871	250,000.00	386.97
June 10, 1872	300,000.00	
Mar. 3, 1873	200,000.00	
June 23, 1874	200,000.00	
Mar. 3, 1875	200,000.00	
Aug. 14, 1876	130,000.00	
June 18, 1878	175,000.00	
Mar. 3, 1879	300,000.00	
June 14, 1880	250,000.00	
Mar. 3, 1881	150,000.00	
Aug. 5, 1886	250,000.00	
Total	2,865,692.00	386.97

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MICHIGAN—Cont'd.		
St. Mary's Falls Canal and River—Cont'd.		
Allotment from indefinite appropriation for operating and care of canals, etc.:		
1882	$24,000.00	
1883	42,200.00	
1884	34,681.63	
1885	25,500.00	
1886	25,500.00	
1887	24,000.00	
Total	176,881.63	
Sand Beach Harbor of Refuge:		
July 5, 1884	75,000.00	
Aug. 5, 1886	75,000.00	
Total	150,000.00	
Saugatuck Harbor:		
July 25, 1868	23,900.00	
Apr. 10, 1869	6,039.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	15,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	3,000.00	
June 18, 1878	2,500.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	8,000.00	
July 5, 1884	4,000.00	
Aug. 5, 1886	8,000.00	
Total	135,439.00	
Sault Ste. Marie:		
Aug. 2, 1882	200,000.00	
Sebewaing River and Harbor:		
Mar. 3, 1875	8,000.00	
June 14, 1880	7,000.00	
Total	15,000.00	
South Haven Harbor:		
Mar. 2, 1867	43,000.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	12,000.00	
Mar. 3, 1873	20,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	12,000.00	
Mar. 3, 1879	7,500.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	7,500.00	
Aug. 5, 1886	5,000.00	
Total	182,000.00	
Thunder Bay Harbor:		
Aug. 14, 1876	4,500.00	
Aug. 2, 1882	15,000.00	
Total	19,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MICHIGAN—Cont'd.		
White River Harbor:		
Mar. 2, 1867	$57,000.00	
Apr. 10, 1869	44,550.00	
July 10, 1870	20,000.00	
Mar. 3, 1871	20,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	7,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	12,000.00	
Mar. 3, 1879	7,500.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	7,500.00	
Aug. 2, 1882	12,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	247,550.00	
MINNESOTA.		
Agate Bay Harbor:		
Aug. 5, 1886	22,500.00	
Duluth Harbor:		
Mar. 3, 1871	60,000.00	
June 10, 1872	50,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	35,000.00	
Aug. 14, 1876	15,000.00	
June 18, 1878	30,000.00	
Mar. 3, 1879	25,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	45,000.00	
July 5, 1884	45,000.00	
Aug. 5, 1886	56,250.00	
Total	436,250.00	
Falls of Saint Anthony:		
July 11, 1870	50,000.00	
June 10, 1872	50,000.00	
Total	100,000.00	
Grand Marais:		
Mar. 3, 1879	10,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	80,000.00	
Lake City Harbor:		
July 5, 1884	15,000.00	
Aug. 5, 1886	10,000.00	
Total	25,000.00	
Minnesota River:		
Mar. 2, 1867	37,500.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	10,000.00	
Total	107,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MINNESOTA—Cont'd.		
St. Anthony's Falls (and Mississippi River above):		
Mar. 3, 1871	$50,000.00	
Mar. 3, 1873	50,000.00	
June 23, 1874	150,000.00	
Mar. 3, 1875	100,000.00	
Aug. 14, 1876	120,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	10,000.00	
Total	540,000.00	
MISSISSIPPI.		
Big Black River:		
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	10,000.00	
Big Sunflower River:		
Mar. 3, 1879	20,000.00	
June 14, 1880	8,000.00	
Mar. 3, 1881	4,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	47,000.00	
Biloxi Bay Harbor:		
Aug. 5, 1886	12,500.00	
Coldwater River:		
Mar. 3, 1879	7,000.00	
June 14, 1880	4,000.00	
Total	11,000.00	
Horn Island Pass:		
July 5, 1884	5,000.00	
Noxubee River:		
June 14, 1880	12,000.00	
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	7,500.00	
Aug. 5, 1886	7,500.00	
Total	45,000.00	
Old Town Creek:		
Aug. 2, 1882	3,000.00	
Pascagoula River:		
Mar. 2, 1827	8,000.00	
May 23, 1828	17,500.00	$15,900.00
July 3, 1832	*15,900.00	42.56 182.45 220.00 11.00
Aug. 30, 1852	5,000.00	4,368.78
June 18, 1878	10,000.00	
Mar. 3, 1879	14,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	4,000.00	
Aug. 2, 1882	8,000.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	20,000.00	
Total	125,400.00	20,724.79

*Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISSISSIPPI—Cont'd.		
Pearl River:		
Mar. 3, 1879	$6,000.00	
June 14, 1880	7,500.00	
June 14, 1880	30,000.00	
Mar. 3, 1881	2,500.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	2,500.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	12,500.00	
Aug. 5, 1886	17,625.00	
Total	118,625.00	
Steeles Bayou:		
July 5, 1884	2,500.00	
Aug. 5, 1886	2,500.00	
Total	5,000.00	
Tallahatchee River:		
Mar. 3, 1879	6,000.00	
June 14, 1880	9,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	3,000.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	3,500.00	
Total	27,500.00	
Tchula Lake:		
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	2,500.00	
July 5, 1884	1,500.00	
Aug. 5, 1886	2,000.00	
Total	9,000.00	
Vicksburg Harbor:		
Mar. 3, 1879	50,000.00	
Yallabusha River:		
Mar. 3, 1881	3,500.00	
Aug. 2, 1882	3,500.00	
July 5, 1884	2,000.00	
Aug. 5, 1886	2,000.00	
Total	11,000.00	
Yazoo River:		
Mar. 3, 1873	40,000.00	
Mar. 3, 1875	12,000.00	
Aug. 14, 1876	15,000.00	
June 18, 1878	25,000.00	
Mar. 3, 1879	15,000.00	
June 14, 1880	12,000.00	
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	8,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	15,000.00	
Total	158,000.00	
MISSOURI.		
Culvre River:		
June 14, 1880	2,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
Total	12,000.00	
Gasconade River:		
June 14, 1880	5,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	7,500.00	
Total	37,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISSOURI—Cont'd.		
Saint Louis Harbor:		
June 11, 1844	$25,000.00	$23,335.30
Saint Louis Ice Harbor:		
June 14, 1880	50,000.00	
Mar. 3, 1881	10,000.00	
Total	60,000.00	
NEW HAMPSHIRE.		
Cocheco River:		
Mar. 3, 1871	10,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	14,000.00	
June 18, 1878	6,000.00	
Aug. 2, 1882	28,000.00	
July 5, 1884	28,000.00	
Aug. 5, 1886	10,000.00	
Total	151,000.00	
Exeter River:		
June 14, 1880	20,000.00	
Mar. 3, 1881	15,000.00	
Total	35,000.00	
Gangway Rock:		
Aug. 7, 1882	2,000.00	
Lamprey River:		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
Total	20,000.00	
Little Harbor:		
Aug. 5, 1886	10,000.00	
Portsmouth Harbor:		
Mar. 3, 1879	10,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	17,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	15,000.00	
Total	107,000.00	
Winnipiseogee Lake:		
June 14, 1880	5,000.00	
Mar. 3, 1881	2,500.00	
Total	7,500.00	
NEW JERSEY.		
Atlantic City Harbor:		
Aug. 5, 1886	5,000.00	
Cheesequakes Creek:		
June 14, 1880	20,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	15,000.00	
Total	40,000.00	
Cohansey Creek:		
Mar. 3, 1873	10,000.00	
June 18, 1878	5,000.00	
Mar. 3, 1879	4,500.00	
June 14, 1880	4,500.00	
Mar. 3, 1881	7,000.00	
Aug. 2, 1882	5,000.00	
Total	36,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW JERSEY—Cont'd.		
Cranbury Inlet:		
Aug. 30, 1852	$1,000.00	$0.31
Elizabeth River:		
Mar. 3, 1879	7,500.00	
June 14, 1880	7,500.00	
Mar. 3, 1881	4,000.00	
Aug. 2, 1882	8,000.00	
Total	27,000.00	
Flat Beach:		
Mar. 2, 1829	100.00	29.20
Keyport Harbor:		
Aug. 2, 1882	30,475.00	
Little Egg Harbor:		
July 4, 1836	5,000.00	
July 7, 1838	10,000.00	
Aug. 30, 1852	8,500.00	8,452.00
Total	23,500.00	8,452.00
Manasquan River:		
Mar. 3, 1879	12,000.00	
June 14, 1880	20,000.00	
Aug. 2, 1882	7,000.00	
Total	39,000.00	
Mantua Creek:		
Aug. 2, 1882	3,000.00	
Mattawan Creek:		
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	6,000.00	
Total	21,000.00	
Maurice River:		
Aug. 2, 1882	3,000.00	
July 5, 1884	17,000 00	
Aug. 5, 1886	5,000.00	
Total	25,000.00	
Newark Bay and Harbor:		
Aug. 30, 1852	10,000.00	124.33
Aug. 30, 1852	2,000.00	
Total	12,000.00	124.33
New Brunswick Harbor:		
July 4, 1836	7,000.00	
Mar. 3, 1837	6,936.00	22.12
Total	13,936.00	22.12
Passaic River:		
June 10, 1872	25,000.00	
Mar. 3, 1873	5,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	20,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	2,000.00	
June 14, 1880	2,000.00	
June 14, 1880	30,000.00	
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	50,000.00	
July 5, 1884	3,000.00	
July 5, 1884	25,000.00	
Aug. 5, 1886	26,250.00	
Total	278,250.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW JERSEY—Cont'd.		
Raccoon River:		
Aug. 2, 1882	$3,000.00	
Rahway River:		
Mar. 3, 1879	10,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	7,000.00	
Total	37,000.00	
Rancocas River:		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
Total	20,000.00	
Raritan Bay:		
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	50,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	37,500.00	
Total	157,500.00	
Raritan River:		
June 18, 1878	200,000.00	
Mar. 3, 1879	60,000.00	
June 14, 1880	100,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	35,000.00	
Aug. 5, 1886	26,250.00	
Total	471,250.00	
Salem River:		
Mar. 3, 1871	4,000.00	
June 18, 1878	3,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	1,500.00	
Total	14,500.00	
Shrewsbury River:		
Aug. 30, 1852	1,500.00	$5.84
Mar. 3, 1871	14,000.00	
Mar. 3, 1873	5,000.00	
June 18, 1878	18,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	30,000.00	
Mar. 3, 1881	86,000.00	
Aug. 2, 1882	30,000.00	
Aug. 5, 1886	10,000.00	
Total	204,500.00	5.84
South River:		
Mar. 3, 1871	15,000.00	
Mar. 3, 1873	5,000.00	
June 14, 1880	40,000.00	
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	10,000.00	
Aug. 5, 1886	5,000.00	
Total	81,000.00	
Woodbridge Creek:		
Mar. 3, 1879	4,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
Total	19,000.00	
Woodbury Creek:		
Aug. 2, 1882	5,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW YORK.		
Big Sodus Bay:		
Mar. 2, 1829	$12,500.00	
Apr. 23, 1830	15,280.00	
Mar. 2, 1831	17,450.00	
July 3, 1832	17,000.00	
Mar. 2, 1833	15,000.00	
June 28, 1834	15,000.00	
Mar. 3, 1835	11,790.00	
July 2, 1836	12,600.00	
Mar. 3, 1837	12,000.00	
July 7, 1838	10,000.00	
June 11, 1844	5,000.00	
June 23, 1866	53,151.80	
Mar. 2, 1867	80,000.00	
Total	276,771.80	
Black River:		
July 4, 1836	5,000.00	
Mar. 3, 1837	10,000.00	
July 7, 1838	22,401.00	$329.86
Mar. 3, 1873	5,000.00	
Total	42,401.00	329.86
Black Rock Harbor:		
Mar. 2, 1829	30,000.00	
Apr. 23, 1830	3,198.00	
Apr. 2, 1831	1,800.00	
July 3, 1832	5,100.00	
June 28, 1834	12,000.00	3.00
Total	52,098.00	3.00
Buffalo Harbor:		
May 20, 1826	15,000.00	
May 19, 1828	34,206.00	
Apr. 23, 1830	15,488.00	
Mar. 2, 1831	12,900.00	
July 3, 1832	10,300.00	
Mar. 2, 1833	31,700.00	
June 28, 1834	20,000.00	
July 7, 1838	20,500.00	
July 7, 1838	48,000.00	9,332.75
June 11, 1844	40,000.00	
Aug. 30, 1852	14,000.00	
Mar. 3, 1853	349.05	349.05
Mar. 2, 1855	452.32	
July 6, 1864	37,500.00	
June 23, 1866	100,000.00	
June 23, 1866	31,000.00	
Mar. 2, 1867	100,000.00	
Apr. 10, 1869	89,100.00	
July 11, 1870	80,000.00	
Mar. 3, 1871	100,000.00	23,485.04
June 10, 1872	75,000.00	
June 10, 1872*	23,485.04	
Mar. 3, 1873	75,000.00	
Feb. 25, 1874	20,000.00	
June 23, 1874	75,000.00	
Mar. 3, 1875	100,000.00	
Aug. 14, 1876	85,000.00	
June 18, 1878	80,000.00	
Mar. 3, 1879	100,000.00	
June 14, 1880	90,000.00	
Mar. 3, 1881	90,000.00	
Aug. 2, 1882	125,000.00	
July 5, 1884	100,000.00	
Aug. 5, 1886	112,500.00	
Total	1,951,480.41	33,166.84
Buttermilk Channel:		
June 14, 1880	60,000.00	
Mar. 3, 1881	60,000.00	
Aug. 2, 1882	60,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	56,250.00	
Total	246,250.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW YORK—Cont'd.		
Canarsie Bay:		
June 14, 1880	$10,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	3,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	10,000.00	
Total	33,000.00	
Cattaraugus Creek:		
July 4, 1836	15,000.00	
Mar. 3, 1837	10,000.00	
July 7, 1838	32,410.00	
Total	57,410.00	
Charlotte Harbor, mouth of Genesee River:		
May 23, 1828	300.00	
Mar. 2, 1829	10,000.00	
Apr. 23, 1830	13,335.00	$143.95
Mar. 2, 1831	16,670.00	
July 3, 1832	16,000.00	
Mar. 2, 1833	15,000.00	
June 28, 1834	20,000.00	
Mar. 3, 1835	2,390.00	
July 2, 1836	20,000.00	
Mar. 3, 1837	10,000.00	
July 7, 1838	25,000.00	
June 11, 1844	10,000.00	
Aug. 30, 1852	20,000.00	
Mar. 3, 1853	176.10	{ 176.10 914.55
June 23, 1866	75,607.30	
July 25, 1868	1,100.00	
Apr. 10, 1869	1,000.00	
July 11, 1870	12,000.00	36.33
Mar. 3, 1871	10,000.00	
Mar. 3, 1875	5,000.00	
June 18, 1878	1,000.00	
Mar. 3, 1879	1,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	2,500.00	
Aug. 2, 1882	35,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	26,250.00	
Total	374,328.40	1,270.93
Dunkirk Harbor:		
Mar. 2, 1827	3,000.00	
May 19, 1828	6,000.00	
Mar. 3, 1829	9,812.75	
Apr. 23, 1830	1,342.75	
Mar. 2, 1831	6,400.00	
Mar. 2, 1831	702.50	
July 3, 1832	10,200.00	
June 28, 1834	4,000.00	
Mar. 3, 1835	9,570.16	
Mar. 3, 1835	1,418.27	
July 2, 1836	11,000.00	
Mar. 3, 1837	15,000.00	
July 7, 1838	10,000.00	
June 11, 1844	5,000.00	
Aug. 30, 1852	30,000.00	100.53
Mar. 2, 1867	100,000.00	
Apr. 10, 1869	2,000.00	
July 11, 1870	25,000.00	
Mar. 3, 1871	25,000.00	
June 10, 1872	25,000.00	
Mar. 3, 1873	40,000.00	
June 23, 1874	35,000.00	
Mar. 3, 1875	35,000.00	
Aug. 14, 1876	18,000.00	
June 14, 1880	10,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	20,000.00	
Total	468,446.43	100.53

* Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW YORK—Cont'd.		
Grass River:		
Aug. 2, 1882	$3,000.00	
East and Harlem Rivers:		
June 23, 1874	225,000.00	
East Chester Creek:		
Mar. 3, 1873	25,000.00	
Mar. 3, 1875	12,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	3,500.00	
June 14, 1880	3,500.00	
Aug. 5, 1886	10,000.00	
Total	64,000.00	
East River:		
July 25, 1868	85,000.00	
Apr. 10, 1869	178,200.00	
July 11, 1870	250,000.00	
Mar. 3, 1871	250,000.00	
June 10, 1872	225,000.00	
Mar. 3, 1873	225,000.00	
Mar. 3, 1875	250,000.00	
Aug. 14, 1876	250,000.00	
June 18, 1878	350,000.00	
Mar. 3, 1879	250,000.00	
June 14, 1880	200,000.00	
Mar. 3, 1881	200,000.00	
May 4, 1882	50,000.00	
Aug. 2, 1882	200,000.00	
Total	2,963,200.00	
Echo (New Rochelle) Harbor:		
June 18, 1878	10,000.00	
Mar. 3, 1879	3,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	3,000.00	
Total	22,000.00	
Fort (Port) Jefferson Harbor:		
Mar. 3, 1875	15,000.00	
Flushing Bay:		
Mar. 3, 1879	20,000.00	
June 14, 1880	15,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	70,000.00	
Gedney's Channel:		
July 5, 1884	200,000.00	
Gowanus Bay, etc.:		
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	7,500.00	
Total	72,500.00	
Great Sodus Bay Harbor:		
Aug. 30, 1852	10,000.00	
July 11, 1870	5,000.00	
June 10, 1872	15,000.00	
June 23, 1874	15,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	5,000.00	
Mar. 3, 1879	2,000.00	
June 14, 1880	3,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW YORK—Cont'd.		
Great Sodus Bay Harbor—Continued.		
Mar. 3, 1881	$5,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	16,875.00	
Total	126,875.00	
Greenport Harbor:		
Aug. 2, 1882	10,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	5,000.00	
Total	25,000.00	
Harlem River:		
Mar. 3, 1875	10,000.00	
June 18, 1878	300,000.00	
Mar. 3, 1879	100,000.00	
Total	410,000.00	
Hell Gate, New York Harbor:		
July 5, 1884	360,000.00	
Aug. 5, 1886	112,500.00	
Total	472,500.00	
Hudson River:		
June 30, 1834	70,000.00	
July 2, 1836	100,000.00	
Mar. 3, 1837	100,000.00	
July 7, 1838	100,000.00	
Aug. 30, 1852	50,000.00	
June 23, 1866	50,000.00	
Mar. 2, 1867	305,188.00	
July 25, 1868	85,000.00	
Apr. 10, 1869	89,100.00	
July 11, 1870	40,000.00	
Mar. 3, 1871	40,000.00	
June 10, 1872	40,000.00	
Mar. 3, 1873	40,000.00	
June 23, 1874	40,000.00	
Mar. 3, 1875	40,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	50,000.00	
June 18, 1878	70,000.00	
Mar. 3, 1879	30,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	30,000.00	
Aug. 5, 1886	26,250.00	
Total	1,465,538.00	
Huntington Harbor, Long Island.		
June 10, 1872	22,500.00	
Lake Ontario:		
May 23, 1828	400.00	$9.47
Aug. 30, 1852	20,000.00	
Total	20,400.00	9.47
Little Sodus Bay:		
April 9, 1864	99.00	
April 9, 1864	1,778.36	
April 9, 1864	2,224.00	
Total	4,101.36	
Little Sodus Harbor:		
June 23, 1866	33,840.41	
Mar. 2, 1867	50,000.00	
April 10, 1869	1,500.00	
July 11, 1870	5,000.00	
Mar. 3, 1871	15,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW YORK—Cont'd.		
Little Sodus Harbor—Continued.		
June 10, 1872	$15,000.00	
Mar. 3, 1873	15,000.00	
June 23, 1874	15,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	12,500.00	
Total	267,840.41	
Mamaroneck Harbor:		
Aug. 2, 1882	15,000.00	
New Rochelle Harbor:		
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	15,000.00	
Total	35,000.00	
Newtown Creek, etc.:		
June 14, 1880	10,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	37,500.00	
Total	82,500.00	
Niagara River:		
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	1,500.00	
Total	6,500.00	
Oak Orchard Harbor:		
July 4, 1836	5,000.00	
Mar. 3, 1837	5,000.00	
July 7, 1838	5,000.00	
June 11, 1844	5,000.00	
Aug. 30, 1852	10,500.00	
Mar. 2, 1867	87,000.00	
July 11, 1870	8,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	2,500.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	2,000.00	
June 18, 1878	2,000.00	
Mar. 3, 1879	100,000.00	
June 14, 1880	500.00	
Aug. 2, 1882	3,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	12,500.00	
Total	295,000.00	
Ogdensburgh Harbor:		
Aug. 30, 1852	3,000.00	$914.55
Mar. 2, 1867	142.00	
July 11, 1870	15,000.00	
Mar. 3, 1871	25,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	6,000.00	
June 23, 1874	6,000.00	
Mar. 3, 1875	5,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	10,000.00	
Total	105,142.00	914.55

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW YORK—Cont'd.		
Olcott Harbor:		
Mar. 2, 1867	$10,000.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	5,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Mar. 3, 1881	3,000.00	
Aug. 5, 1886	10,000.00	
Total	78,000.00	
Oswego Harbor:		
May 20, 1826	200.00	
Mar. 2, 1827	33,348.64	
May 19, 1828	9,583.39	
Mar. 3, 1829	7,472.00	
Mar. 2, 1831	84.92	
Mar. 2, 1831	519.00	
Mar. 2, 1831	2,812.92	
Mar. 2, 1831	18,600.00	
July 3, 1832	19,000.00	
Mar. 2, 1833	8,400.00	
June 28, 1834	30,000.00	
July 2, 1836	20,000.00	
Mar. 3, 1837	15,000.00	
July 7, 1838	46,067.00	$1.55
June 11, 1844	20,000.00	
Aug. 30, 1852	40,000.00	.31 4.59
June 23, 1866	45,000.00	
Mar. 2, 1867	60,000.00	
July 25, 1868	20,000.00	
Apr. 10, 1869	22,275.00	
July 11, 1870	50,000.00	
Mar. 3, 1871	100,000.00	
June 10, 1872	100,000.00	
Mar. 3, 1873	100,000.00	
June 23, 1874	75,000.00	
Mar. 3, 1875	90,000.00	
Aug. 14, 1876	90,000.00	
June 18, 1878	90,000.00	
Mar. 3, 1879	90,000.00	
June 14, 1880	90,000.00	
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	80,000.00	
July 5, 1884	80,000.00	
Aug. 5, 1886	71,250.00	
Total	1,574,612.87	6.45
Peconic River, L. I.:		
Mar. 3, 1871	5,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
Total	25,000.00	
Plattsburgh Harbor:		
July 4, 1836	10,000.00	
Mar. 3, 1837	10,000.00	
July 7, 1838	27,500.00	
Mar. 3, 1843	2,680.01	
June 11, 1844	10,000.00	
Mar. 2, 1867	26,000.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	5,000.00	
Mar. 3, 1879	2,000.00	
June 14, 1880	1,000.00	
Aug. 5, 1886	5,000.00	
Total	144,180.01	
Port Chester Harbor:		
June 10, 1872	12,000.00	
Aug. 2, 1882	15,000.00	
Total	27,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW YORK—Cont'd.		
Port Ontario Harbor (Salmon River, N.Y.):		
July 4, 1836	$5,000.00	
Mar. 3, 1837	10,000.00	
Mar. 7, 1838	30,000.00	$206.62
June 11, 1844	5,000.00	30.02 100.00
Total	50,000.00	336.64
Portland Harbor:		
July 4, 1836	10,000.00	
Mar. 3, 1837	10,000.00	
July 7, 1838	35,466.00	
June 15, 1844	1,150.00	82.76 90.88
Total	56,616.00	173.64
Pultneyville Harbor:		
July 11, 1870	5,000.00	
Mar. 3, 1871	5,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	3,000.00	
June 18, 1878	5,000.00	
Mar. 3, 1879	4,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	2,000.00	
Aug. 2, 1882	4,000.00	
Total	71,000.00	
Rondout Harbor:		
June 10, 1872	10,000.00	
Mar. 3, 1873	20,000.00	
Aug. 14, 1876	30,000.00	
June 18, 1878	30,000.00	
Aug. 2, 1882	2,000.00	
July 5, 1884	1,000.00	
Aug. 5, 1886	2,500.00	
Total	95,500.00	
Rouse's Point:		
July 5, 1884	35,000.00	
Aug. 5, 1886	20,000.00	
Total	55,000.00	
Sackett's Harbor:		
May 20, 1826	3,000.00	
May 23, 1828	3,000.00	522.55
Aug. 2, 1882	7,000.00	
Total	13,000.00	522.55
Sag Harbor:		
Mar. 2, 1829	150.00	15.71
Sandy Creek:		
May 23, 1828	300.00	172.56
Sandy Hook Channel, New York Harbor:		
Aug. 30, 1852	20,000.00	
Jan. 29, 1867	100,000.00	30,646.80
July 25, 1868	1,530.00	
Jan. 8, 1873	15,000.00	7,000.00
Aug. 5, 1886	750,000.00	
Total	886,530.00	37,646.80
Sandy Hook:		
Jan. 8, 1873	15,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NEW YORK—Cont'd.		
Saugerties Harbor:		
July 5, 1884	$5,000.00	
Aug. 5, 1886	15,000.00	
Total	20,000.00	
Sheepshead Bay:		
June 14, 1880	3,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	3,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	21,000.00	
Sodus Bay Harbor:		
Aug. 30, 1852	10,000.00	
Staten Island:		
July 4, 1836	19,500.00	$17.80
June 23, 1874	50,000.00	
June 18, 1878	15,000.00	
June 14, 1880	29,000.00	
Aug. 2, 1882	40,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	15,000.00	
Total	178,500.00	17.80
Sumpawamus Inlet:		
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	2,000.00	
Total	7,000.00	
Ticonderoga River:		
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
Aug. 5, 1886	2,000.00	
Total	12,000.00	
Waddington Harbor:		
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	5,000.00	
June 18, 1878	5,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	2,500.00	
Total	35,500.00	
Whitehall Harbor:		
July 4, 1836	8,000.00	
Mar. 3, 1837	10,000.00	
July 7, 1838	15,000.00	
Total	33,000.00	
Wilson Harbor:		
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	10,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
Aug. 5, 1886	10,000.00	
Total	60,000.00	
NORTH CAROLINA.		
Albemarle Sound:		
Aug. 30, 1852	50,000.00	11,911.11
Black River:		
Aug. 5, 1886	3,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NORTH CAROLINA—Continued.		
Beaufort Harbor:		
July 4, 1836	$5,000.00	
Mar. 3, 1881	30,000.00	
Aug. 2, 1882	30,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	15,000.00	
Aug. 5, 1886	10,000.00	
Total	110,000.00	
Cape Fear River:		
Mar. 2, 1829	20,000.00	
Apr. 23, 1830	25,688.00	
Mar. 2, 1831	25,705.00	
July 3, 1832	28,000.00	
Mar. 2, 1833	28,000.00	
June 28, 1834	5,234.00	
Mar. 3, 1835	20,000.00	
July 2, 1836	20,000.00	
Mar. 3, 1837	10,000.00	
July 7, 1838	20,000.00	$24.33
Mar. 2, 1847	601.92	
Aug. 30, 1852	20,000.00	
July 22, 1854	140,000.00	3,697.07 6.67
July 11, 1870	100,000.00	
Mar. 3, 1871	75,000.00	
June 10, 1872	100,000.00	
Mar. 3, 1874	100,000.00	
June 23, 1874	150,000.00	
Mar. 3, 1875	150,000.00	
Aug. 14, 1876	132,500.00	
June 18, 1878	160,000.00	
Mar. 3, 1879	100,000.00	
June 14, 1880	70,000.00	
Mar. 3, 1881	30,000.00	
Mar. 3, 1881	140,000.00	
Aug. 2, 1882	225,000.00	
Aug. 2, 1882	30,000.00	
July 5, 1884	200,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	168,750.00	
Total	2,299,478.92	3,728.07
Contentnia Creek:		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	15,000.00	
Total	40,000.00	
Currituck Sound:		
July 5, 1884	5,000.00	
Currituck Sound and North River Bar:		
June 18, 1878	20,000.00	
Mar. 3, 1879	25,000.00	
Aug. 2, 1882	20,000.00	
Total	65,000.00	
Currituck Sound, Coanjok Bar, and North River Bar:		
June 14, 1880	25,000.00	
Mar. 3, 1881	30,000.00	
Aug. 5, 1886	10,000.00	
Total	65,000.00	
Edenton Bay:		
July 5, 1884	10,000.00	
Aug. 5, 1886	2,000.00	
Total	12,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NORTH CAROLINA—Continued.		
Edenton Harbor:		
June 18, 1878	$4,000.00	
Mar. 3, 1879	1,000.00	
Total	5,000.00	
French Broad River:		
Aug. 14, 1876	10,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
Total	43,000.00	
Inland Water Way—New Berne to Beaufort:		
Aug. 5, 1886	10,000.00	
Lillington River:		
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	3,000.00	
Total	6,000.00	
Meherin River:		
Aug. 2, 1882	5,000.00	
Neuse River:		
June 18, 1878	40,000.00	
Mar. 3, 1879	45,000.00	
June 14, 1880	45,000.00	
Mar. 3, 1881	30,000.00	
Aug. 2, 1882	35,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	22,500.00	
Total	237,500.00	
New River:		
July 4, 1836	5,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	10,000.00	
Total	25,000.00	
Ocracoke Inlet:		
May 23, 1828	21,000.00	
Mar. 2, 1829	21,000.00	$17.30
Mar. 2, 1831	17,000.00	
July 3, 1832	22,000.00	
Mar. 2, 1833	16,700.00	
June 28, 1834	15,000.00	
July 2, 1836	9,000.00	
Mar. 3, 1837	12,050.00	.30
Total	133,750.00	17.60
Pamlico River:		
July 4, 1836	5,000.00	
Aug. 14, 1876	15,000.00	
Mar. 3, 1879	3,000.00	
Total	23,000.00	
Pamlico and Tar Rivers:		
July 7, 1838	5,000.00	
June 14, 1880	9,000.00	
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	42,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
NORTH CAROLINA—Continued.		
Pamlico Sound:		
Mar. 3, 1837	$20,000.00	
July 7, 1838	25,000.00	$1,166.46
Total	45,000.00	1,166.46
Pascotank River:		
Mar. 2, 1829	80.00	32.75
Perquimans River:		
Aug. 14, 1876	2,500.00	
Roanoke River:		
Mar. 3, 1871	20,000.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	5,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	20,000.00	
Total	73,000.00	
Scuppernong River:		
June 18, 1878	20,000.00	
Mar. 3, 1879	2,000.00	
June 14, 1880	1,000.00	
Mar. 3, 1881	1,000.00	
July 5, 1884	2,000.00	
Total	26,000.00	
Tar River:		
Mar. 3, 1879	3,000.00	
Town Creek:		
Mar. 3, 1881	1,000.00	
Trent River:		
Mar. 3, 1879	7,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	3,500.00	
Total	45,500.00	
Washington Harbor:		
Aug. 30, 1852	5,000.00	
Yadkin River:		
Mar. 3, 1879	20,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	12,000.00	
Aug. 2, 1882	25,000.00	
Aug. 5, 1886	10,000.00	
Total	87,000.00	
OHIO.		
Ashtabula Harbor and Ashtabula Creek:		
May 20, 1826	12,000.00	
May 19, 1828	2,403.50	
Mar. 3, 1829	6,940.25	
Mar. 2, 1831	7,015.00	
July 3, 1832	3,800.00	
Mar. 3, 1833	3,400.00	
June 28, 1834	5,000.00	
Mar. 3, 1835	7,591.00	
Mar. 3, 1837	8,000.00	
July 7, 1838	8,000.00	369.25
June 11, 1844	5,000.00	
Aug. 30, 1852	10,000.00	
Mar. 3, 1853	42.64	42.64
June 23, 1866	24,708.82	
Mar. 2, 1867	54,000.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	15,000.00	
Mar. 3, 1873	16,000.00	
June 23, 1874	35,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
OHIO—Cont'd.		
Ashtabula Harbor and Ashtabula Creek—Continued.		
Mar. 3, 1875	$25,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	12,000.00	
Mar. 3, 1879	9,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	22,500.00	
Aug. 5, 1886	30,000.00	
Total	402,401.21	$411.89
Black River Harbor:		
May 23, 1828	7,500.00	
Apr. 23, 1830	8,559.77	
Mar. 2, 1831	9,275.00	
July 3, 1832	8,000.00	
Mar. 3, 1833	2,400.00	
June 28, 1834	5,000.00	
Mar. 3, 1835	4,400.00	
July 2, 1836	6,660.00	
Mar. 3, 1837	6,410.00	
July 7, 1838	5,000.00	25.46
Aug. 30, 1852	5,000.00	
June 23, 1866	10,000.00	5,996.22
June 10, 1872	20,000.00	
Mar. 3, 1873	20,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	6,000.00	
June 18, 1878	1,000.00	
June 14, 1880	1,000.00	
Mar. 3, 1881	7,000.00	
Aug. 2, 1882	7,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	190,204.77	6,021.68
Cincinnati Harbor of Refuge:		
Aug. 2, 1882	16,000.00	
July 5, 1884	17,000.00	
Total	33,000.00	
Cleveland Harbor:		
Mar. 2, 1827	10,000.00	
Mar. 3, 1829	12,179.00	
Apr. 23, 1830	1,786.56	
Mar. 2, 1831	3,670.00	
July 3, 1832	6,600.00	
June 28, 1834	13,315.00	
July 2, 1836	15,000.00	
July 2, 1836	6.59	
Mar. 3, 1837	10,000.00	
July 7, 1838	51,856.00	1,166.00
June 11, 1844	25,000.00	
Aug. 30, 1852	30,000.00	
Mar. 3, 1853	145.69	145.69
June 23, 1866	59,806.00	
July 25, 1868	17,000.00	
Apr. 10, 1869	13,380.00	
July 11, 1870	20,000.00	
Mar. 3, 1873	1,000.00	
June 23, 1874	30,500.00	
Mar. 3, 1875	50,000.00	
Aug. 14, 1876	50,000.00	
Aug. 14, 1876	8,000.00	
June 18, 1878	100,000.00	
Mar. 3, 1879	100,000.00	
June 14, 1880	125,000.00	
Mar. 3, 1881	200,000.00	
Aug. 2, 1882	175,000.00	
July 5, 1884	100,000.00	
Aug. 5, 1886	93,750.00	
Total	1,322,994.84	1,311.69

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
OHIO—Cont'd.		
Conneaut Harbor and Creek:		
Mar. 2, 1829	$7,500.00	
Apr. 23, 1830	6,135.65	
Mar. 2, 1831	6,370.00	
July 3, 1832	7,800.00	
July 2, 1836	2,500.00	
Mar. 3, 1837	5,000.00	
July 7, 1838	8,000.00	
June 11, 1844	5,000.00	$130.37
Aug. 30, 1852	10,000.00	
June 23, 1866	20,513.24	
Mar. 2, 1867	10,000.00	
Apr. 10, 1869	8,910.00	
July 11, 1870	6,000.00	
Mar. 3, 1873	400.00	
June 23, 1874	1,500.00	
Mar. 3, 1875	1,000.00	
June 14, 1880	6,000.00	
Total	112,628.89	130.37
Cunningham Creek:		
May 20, 1826	2,000.00	
May 19, 1828	1,517.76	
Mar. 3, 1829	2,956.00	
July 3, 1832	1,500.00	
Mar. 2, 1833	500.00	
July 2, 1836	1,275.00	
July 2, 1836	32.36	
Mar. 3, 1837	5,000.00	
July 7, 1838	5,000.00	2.31
Total	19,781.12	2.31
Cuyahoga River:		
Mar. 3, 1825	5,000.00	
Grand River Harbor:		
Mar. 3, 1825	1,000.00	
May 20, 1826	5,620.00	
May 19, 1828	9,135.11	
Apr. 23, 1830	5,563.00	
Mar. 2, 1831	5,680.00	
July 3, 1832	2,600.00	
June 28, 1834	10,000.00	
July 2, 1836	6,000.00	
July 7, 1838	10,000.00	3.30
June 11, 1844	10,000.00	
Aug. 30, 1852	10,000.00	
June 23, 1866	24,072.00	
Mar. 2, 1867	60,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	15,000.00	
Mar. 14, 1876	5,000.00	
June 18, 1878	5,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	18,750.00	
Total	256,420.11	3.30
Hubbard, Henry (Ashtabula Harbor):		
Feb. 9, 1859	672.75	
Huron River and Harbor:		
May 20, 1826	5,000.00	
May 19, 1828	4,413.35	
Mar. 3, 1829	5,935.00	
Apr. 23, 1830	1,880.36	
Mar. 2, 1831	3,480.00	
July 3, 1832	1,500.00	
June 28, 1834	6,700.00	
July 2, 1836	4,300.00	
Mar. 3, 1837	2,565.00	
July 7, 1838	5,000.00	2.70
June 11, 1844	5,000.00	.35

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
OHIO—Cont'd.		
Huron River and Harbor—Continued.		
Aug. 30, 1852	$10,000.00	
June 23, 1866	39,000.00	
June 23, 1874	1,500.00	
Mar. 3, 1875	1,000.00	
June 18, 1878	1,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	2,500.00	
July 5, 1884	7,500.00	
Aug. 5, 1886	3,000.00	
Total	117,273.71	$3.05
Maumee Bay:		
Mar. 2, 1867	20,000.00	
Apr. 10, 1869	29,700.00	
Total	49,700.00	
Maumee River:		
June 10, 1872	7,000.00	
Muskingum River:		
Mar. 3, 1879	30,000.00	
June 14, 1880	50,000.00	
Mar. 3, 1881	30,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	37,500.00	
Aug. 5, 1886	20,000.00	
Total	217,500.00	
Muskingum River, mouth of (ice harbor):		
Aug. 2, 1882	40,000.00	
Port Clinton Harbor:		
June 10, 1872	5,000.00	
Mar. 3, 1875	5,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	6,000.00	
Aug. 5, 1886	2,000.00	
Total	56,000.00	
Rocky River and Harbor:		
June 10, 1872	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	15,000.00	
June 14, 1880	4,000.00	
Total	39,000.00	
Sandusky City Harbor and Bay:		
May 20, 1826	400.00	41.70
June 11, 1844	15,000.00	289.37
Aug. 30, 1852	15,000.00	
June 23, 1866	38,580.00	
July 11, 1870	10,000.00	
June 10, 1872	13,000.00	
Mar. 3, 1873	25,000.00	
June 23, 1874	25,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	25,000.00	
June 18, 1878	20,000.00	
Mar. 3, 1879	1,000.00	
June 14, 1880	12,500.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	5,000.00	
Total	270,480.00	331.07

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
OHIO—Cont'd.		
Sandusky River:		
Mar. 2, 1867	$20,000.00	
June 10, 1872	10,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	7,500.00	
Aug. 2, 1882	4,000.00	
Total	51,500.00	
Toledo Harbor:		
June 23, 1866	20,000.00	
Mar. 3, 1867	20,000.00	
July 11, 1870	50,000.00	
Mar. 3, 1871	50,000.00	
June 10, 1872	15,000.00	
Mar. 3, 1873	100,000.00	
June 23, 1874	75,000.00	
Mar. 3, 1875	75,000.00	
Aug. 14, 1876	60,000.00	
June 18, 1878	50,000.00	
June 14, 1880	30,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	50,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	112,500.00	
Total	767,500.00	
Vermillion River and Harbor:		
July 4, 1836	10,000.00	
Mar. 3, 1837	20,000.00	
July 7, 1838	23,626.57	$3.27
June 23, 1866	15,315.74	10.27
June 10, 1872	5,000.00	
Mar. 3, 1873	12,000.00	
June 23, 1874	3,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	4,000.00	
June 14, 1880	2,000.00	
Mar. 3, 1881	2,000.00	
Aug. 2, 1882	3,000.00	
Aug. 5, 1886	3,000.00	
Total	117,942.31	13.54
OREGON.		
Cascades Canal (Columbia River):		
Aug. 14, 1876	90,000.00	
June 18, 1878	150,000.00	
Mar. 3, 1879	100,000.00	
June 14, 1880	100,000.00	
Aug. 5, 1886	187,500.00	
Total	627,500.00	
Columbia River:		
June 18, 1878	5,000.00	
Mar. 3, 1879	5,000.00	
Mar. 3, 1881	15,000.00	
Mar. 3, 1881	100,000.00	
July 5, 1881	1,000.00	
Aug. 2, 1882	7,500.00	
Aug. 2, 1882	265,000.00	
July 5, 1884	100,000.00	
July 5, 1884	150,000.00	
Aug. 5, 1886	1,000.00	
Aug. 5, 1886	187,500.00	
Total	837,000.00	
Coos Bay and Harbor:		
Mar. 3, 1879	40,000.00	
Mar. 3, 1881	30,000,00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
OREGON—Cont'd.		
Coos Bay and Harbor—Continued.		
Aug. 2, 1882	$30,000.00	
July 5, 1884	30,000.00	
Aug. 5, 1886	33,750.00	
Total	163,750.00	
Coquille River:		
June 14, 1880	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	20,000.00	
Total	50,000.00	
Lower Willamette and Columbia Rivers:		
Mar. 3, 1873	20,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	20,000.00	
Aug. 14, 1876	20,000.00	
June 18, 1878	30,000.00	
Mar. 3, 1879	45,000.00	
June 14, 1880	45,000.00	
Mar. 3, 1881	45,000.00	
Aug. 2, 1882	100,000.00	
July 5, 1884	100,000.00	
Aug. 5, 1886	75,000.00	
Total	520,000.00	
Umpqua River:		
Mar. 3, 1871	22,500.00	
Aug. 4, 1886	1.47	
Total	22,501.47	
Upper Columbia River:		
June 10, 1872	50,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	35,000.00	
Total	105,000.00	
Upper Columbia and Snake Rivers:		
Aug. 14, 1876	15,000.00	
June 18, 1878	20,000.00	
Mar. 3, 1879	20,000.00	
June 14, 1880	15,000.00	
Aug. 2, 1882	6,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	10,000.00	
Total	106,000.00	
Upper Willamette River, etc.:		
Mar. 3, 1873	3,000.00	
June 23, 1874	7,500.00	$8.47
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	20,000.00	
June 18, 1878	20,000.00	
Mar. 3, 1879	12,000.00	
June 14, 1880	12,000.00	
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	5,000.00	
Aug. 5, 1886	10,000.00	
Total	129,500.00	8.47
Willamette River:		
June 23, 1866	15,000.00	
Mar. 2, 1867	30,000.00	
July 25, 1868	21,000.00	
Apr. 10, 1869	13,365,00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
OREGON—Cont'd.		
Willamette River—Continued.		
July 11, 1870	$81,000.00	
Mar. 3, 1871	16,000.00	
June 10, 1872	50,000.00	
July 5, 1884	10,000.00	
Total	186,365.00	
Yaquina Bay:		
June 14, 1880	40,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	60,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	75,000.00	
Total	235,000.00	
PENNSYLVANIA.		
Allegheny River:		
Mar. 3, 1879	10,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	35,000.00	
Aug. 5, 1886	30,000.00	
Total	135,000.00	
Allegheny River (dam at Herr's Island):		
Aug. 5, 1886	37,500.00	
Chester Creek:		
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	3,000.00	
Total	6,000.00	
Chester Harbor:		
July 4, 1836	3,000.00	
Mar. 3, 1837	2,000.00	
Aug. 30, 1852	5,000.00	$107.75
Mar. 2, 1867	11,000.00	349.51
Total	21,000.00	457.26
Chester Ice Harbor:		
Aug. 14, 1876	2,600.00	
June 18, 1878	3,400.00	
Total	6,000.00	
Erie Harbor (Presque Isle Harbor, etc.):		
Mar. 3, 1823	150.00	
May 26, 1824	20,000.00	
Mar. 25, 1826	7,000.00	
Mar. 2, 1827	2,000.00	
May 19, 1828	6,223.18	
Mar. 3, 1829	7,390.25	
Mar. 2, 1831	1,700.00	
July 3, 1832	4,500.00	
Mar. 2, 1833	6,000.00	
June 28, 1834	3,045.00	
June 28, 1834	20,000.00	
Mar. 3, 1835	5,000.00	
July 2, 1836	122.80	
July 2, 1836	15,000.00	
Mar. 3, 1837	15,000.00	
July 7, 1838	30,000.00	
June 11, 1844	40,000.00	
Aug. 30, 1852	30,000.00	166.07
June 23, 1866	36,961.00	
Mar. 2, 1867	25,000.00	
July 25, 1868	40,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
PENNSYLVANIA—Con.		
Erie Harbor (Presque Isle Harbor, etc.)—Continued.		
Apr. 10, 1869	$22,275.00	
July 11, 1870	20,000.00	
Mar. 3, 1871	29,000.00	
June 10, 1872	15,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	80,000.00	
Aug. 14, 1876	40,000.00	
June 18, 1878	25,000.00	
Mar. 3, 1879	25,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	37,500.00	
Total	743,867.23	$166.07
Frankford Creek:		
Aug. 2, 1882	10,000.00	
Marcus Hook Harbor:		
Mar. 2, 1829	5,000.00	245.52
June 23, 1866	5,000.00	
Mar. 2, 1867	94,000.00	
June 14, 1880	35,000.00	
Mar. 3, 1881	30,000.00	
Aug. 2, 1882	15,000.00	
Aug. 5, 1886	15,000.00	
Total	199,000.00	245.52
Schuylkill River:		
July 11, 1870	15,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	40,000.00	
Mar. 3, 1873	40,000.00	.33
June 23, 1874	20,000.00	
Mar. 3, 1875	20,000.00	
Aug. 14, 1876	20,000.00	
June 18, 1878	30,000.00	
Mar. 3, 1879	25,000.00	
June 14, 1880	40,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	25,000.00	
Aug. 5, 1886	18,750.00	
Total	368,750.00	.33
Youghiogheny River:		
Mar. 3, 1875	10,000.00	851.86
RHODE ISLAND.		
Block Island Harbor:		
July 11, 1870	30,000.00	
Mar. 3, 1871	75,000.00	
June 10, 1872	50,000.00	
Mar. 3, 1873	50,000.00	
June 23, 1874	20,000.00	
Mar. 3, 1875	20,000.00	
Aug. 14, 1876	40,000.00	
June 14, 1880	6,000.00	
Aug. 2, 1882	19,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	20,000.00	
Total	345,000.00	
Church's Cove Harbor:		
July 4, 1836	10,000.00	
July 7, 1838	18,000.00	
Total	28,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
RHODE ISLAND—Con.		
Newport Harbor:		
Mar. 3, 1873	$8,500.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	15,000.00	
Total	108,500.00	
Pawcatuck River:		
Mar. 3, 1871	10,000.00	
June 2, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 5, 1886	12,000.00	
Total	62,000.00	
Pawtucket River:		
Mar. 2, 1867	17,000.00	$5.96
July 11, 1870	8,000.00	
Mar. 3, 1871	7,000.00	
June 2, 1872	10,000.00	
Mar. 3, 1873	10,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	30,000.00	
Total	132,000.00	5.96
Potowomut River:		
Mar. 3, 1881	5,000.00	
Providence River and Harbor, etc.:		
Aug. 30, 1852	5,000.00	58.01
Aug. 30, 1852	1,500.00	1.18
Mar. 2, 1867	23,000.00	
July 11, 1870	5,000.00	
July 15, 1870	2,500.00	
June 10, 1872	10,000.00	
Mar. 3, 1873	10,000.00	16.98
June 18, 1878	5,000.00	
June 18, 1878	50,000.00	
Mar. 3, 1879	60,000.00	
June 14, 1880	60,000.00	
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	125,000.00	
July 5, 1884	85,000.00	
Aug. 5, 1886	26,250.00	
Aug. 5, 1886	30,000.00	
Total	506,250.00	76.17
Warren River:		
Aug. 5, 1886	5,000.00	
Wickford Harbor:		
Mar. 3, 1873	5,000.00	
June 23, 1874	5,000.00	
Total	10,000.00	
SOUTH CAROLINA.		
Ashley River:		
June 14, 1880	1,000.00	
Mar. 3, 1881	1,500.00	
July 5, 1884	2,000.00	
Aug. 5, 1886	1,000.00	
Total	5,500.00	
Ashepoo River:		
June 10, 1872	1,300.00	56.05

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
SOUTH CAROLINA—Con.		
Charleston Harbor:		
Aug. 30, 1852	$50,000.00	
Mar. 3, 1871	13,000.00	
June 10, 1872	38,700.00	
Mar. 3, 1873	5,000.00	
June 23, 1874	18,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	200,000.00	
Mar. 3, 1879	200,000.00	
June 14, 1880	170,000.00	
Mar. 3, 1881	175,000.00	
Aug. 2, 1882	300,000.00	
July 5, 1884	250,000.00	
Aug. 5, 1886	187,500.00	
Total	1,627,200.00	
Congaree River:		
Aug. 5, 1886	7,500.00	
Edisto River:		
Aug. 2, 1882	8,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	3,000.00	
Total	16,000.00	
Georgetown Harbor:		
July 4, 1836	1,000.00	$1,000.00
Aug. 30, 1852	3,000.00	.03
Aug. 2, 1882	7,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	21,000.00	1,000.03
Great Pee Dee River:		
June 14, 1880	7,000.00	
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	6,000.00	
July 5, 1884	8,000.00	
Aug. 5, 1886	20,000.00	
Total	47,000.00	
Salkehatchie River:		
Aug. 2, 1882	5,000.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	2,000.00	
Total	10,000.00	
Santee River:		
Mar. 3, 1881	22,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	18,750.00	
Total	75,750.00	
Sullivan's Island (Charleston Harbor):		
June 14, 1880	5,000.00	
Town Creek:		
July 11, 1870	7,500.00	601.79
Wappoo Cut:		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	5,000.00	
Total	28,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
SOUTH CAROLINA—Con.		
Wateree River:		
Mar. 3, 1881	$8,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	7,500.00	
Total	35,500.00	
Winyaw Bay:		
Aug. 5, 1886	18,750.00	
TENNESSEE.		
Big Hatchie River:		
June 14, 1880	10,000.00	
Mar. 3, 1881	3,500.00	
Aug. 2, 1882	3,000.00	
July 5, 1884	2,500.00	
Aug. 5, 1886	3,000.00	
Total	22,000.00	
Caney Fork River:		
June 14, 1880	6,000.00	
Mar. 3, 1881	4,000.00	
Aug. 2, 1882	4,000.00	
July 5, 1884	3,000.00	
Aug. 5, 1886	3,000.00	
Total	20,000.00	
Clinch River:		
June 14, 1880	10,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	3,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	26,000.00	
Duck River:		
June 14, 1880	7,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	3,000.00	
Total	13,000.00	
French Broad River:		
June 14, 1880	10,000.00	
Mar. 3, 1881	3,500.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	3,500.00	
Aug. 5, 1886	6,000.00	
Total	28,000.00	
Hiawassee River:		
Aug. 14, 1876	10,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	3,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	1,500.00	
Aug. 2, 1882	1,500.00	
July 5, 1884	2,500.00	
Aug. 5, 1886	2,500.00	
Total	34,000.00	
Little Tennessee River:		
Aug. 2, 1882	5,000.00	
Memphis Harbor:		
June 18, 1878	43,000.00	
Mar. 3, 1879	37,000.00	
June 14, 1880	15,000.00	
Mar. 3, 1881	15,000.00	
Total	113,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
TENNESSEE—Cont'd.		
Obey's River:		
June 14, 1880	$4,000.00	
Mar. 3, 1881	2,500.00	
Aug. 2, 1882	5,000.00	
Total	11,500.00	
South Forked Deer River:		
Aug. 2, 1882	3,000.00	
July 5, 1884	2,000.00	
Aug. 5, 1886	5,000.00	
Total	10,000.00	
TEXAS.		
Aransas Pass and Bay:		
Mar. 3, 1879	35,000.00	
June 14, 1880	65,000.00	
Mar. 3, 1881	80,000.00	
Aug. 2, 1882	100,000.00	
July 5, 1884	100,000.00	
Aug. 5, 1886	101,250.00	
Total	481,250.00	
Brazos River:		
June 14, 1880	40,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	18,750.00	
Total	113,750.00	
Brazos Santiago Harbor:		
June 18, 1878	6,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	75,000.00	
Aug. 2, 1882	60,000.00	
July 5, 1884	25,000.00	
Aug. 5, 1886	37,500.00	
Total	228,500.00	
Buffalo Bayou:		
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	50,000.00	
July 5, 1884	25,000.00	
Aug. 5, 1886	18,750.00	
Total	118,750.00	
Colorado River:		
Aug. 30, 1852	20,000.00	$224.36
Cypress Bayou:		
June 10, 1872	10,000.00	
Mar. 3, 1873	50,000.00	
Aug. 14, 1876	13,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	6,000.00	
Aug. 5, 1886	18,000.00	
Total	112,000.00	
Galveston Bay:		
June 10, 1872	10,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	72,000.00	
June 18, 1878	75,000.00	
June 14, 1880	50,000.00	
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	94,500.00	
Total	376,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
TEXAS—Cont'd.		
Galveston Harbor:		
July 11, 1870	$25,000.00	
Mar. 3, 1871	20,000.00	
June 10, 1872	31,000.00	
June 23, 1874	60,000.00	
Mar. 3, 1875	150,000.00	
Aug. 14, 1876	142,000.00	
June 7, 1878	75,000.00	
June 18, 1878	50,000.00	
Mar. 3, 1879	100,000.00	
June 14, 1880	175,000.00	
Mar. 3, 1881	250,000.00	
Mar. 4, 1882	100,000.00	
Aug. 2, 1882	300,000.00	
Aug. 5, 1886	300,000.00	
Total	1,778,000.00	
Neches River:		
June 18, 1878	8,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	3,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	7,000.00	
Total	33,000.00	
Pass Cavallo Harbor, etc.:		
Aug. 14, 1876	20,000.00	
June 18, 1878	25,000.00	
Mar. 3, 1879	25,000.00	
June 14, 1880	50,000.00	
Mar. 3, 1881	60,000.00	
Aug. 2, 1882	60,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	37,500.00	
Total	327,500.00	
Red Fish Bar, Galveston Bay:		
June 23, 1874	10,000.00	
Mar. 3, 1875	10,200.00	
Mar. 3, 1879	80,000.00	
Total	100,200.00	
Rio Grande River:		
July 31, 1876	10,000.00	$7.08
Mar. 3, 1879	7,000.00	
Aug. 2, 1882	1,000.00	
Total	18,000.00	7.08
Sabine Pass and Blue Buck Bar:		
Mar. 3, 1875	20,000.00	
Aug. 14, 1876	38,000.00	
June 18, 1878	30,000.00	
Mar. 3, 1879	25,000.00	
June 14, 1880	50,000.00	
Mar. 3, 1881	150,000.00	
Aug. 2, 1882	150,000.00	
July 5, 1884	200,000.00	
Aug. 5, 1886	198,750.00	
Total	861,750.00	
Sabine River:		
June 18, 1878	10,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	7,000.00	
Aug. 2, 1882	4,000.00	
Total	31,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
TEXAS—Cont'd.		
Sabine, Galveston, Pass Cavello, and other harbors, etc., survey of:		
Aug. 30, 1852	$5,000.00	$86.02
San Antonia River:		
Aug. 30, 1852	1,500.00	41.60
Trinity River:		
Aug. 30, 1852	3,000.00	1,617.11
June 18, 1878	10,000.00	
Mar. 3, 1879	2,500.00	
June 14, 1880	4,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	8,000.00	
Total	37,500.00	1,617.11
VERMONT.		
Burlington Harbor:		
July 4, 1836	10,000.00	
Mar. 3, 1837	10,000.00	
July 7, 1838	50,000.00	
June 11, 1844	10,000.00	
Aug. 30, 1852	10,000.00	
May 19, 1864	308.00	
June 23, 1866	27,672.20	
Mar. 2, 1867	80,000.00	
July 11, 1870	25,000.00	6,669.13
Mar. 3, 1871	30,000.00	
June 10, 1872	30,000.00	
Mar. 3, 1873	25,000.00	
June 23, 1874	25,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	20,000.00	
June 18, 1878	20,000.00	
Mar. 3, 1879	15,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	12,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	18,750.00	
Total	513,730.20	6,669.13
Otter Creek:		
June 10, 1872	10,000.00	
Mar. 3, 1875	5,000.00	
June 18, 1878	8,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	2,000.00	
Mar. 3, 1881	2,000.00	
Aug. 2, 1882	2,000.00	
Total	34,000.00	
Swanton Harbor:		
Mar. 3, 1873	15,000.00	
June 23, 1874	8,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	2,000.00	
June 18, 1878	20,000.00	
Mar. 3, 1879	6,000.00	
June 14, 1880	2,500.00	
Mar. 3, 1881	2,500.00	
Aug. 2, 1882	4,500.00	
Total	70,500.00	
VIRGINIA.		
Accotink Creek:		
June 10, 1872	5,000.00	
Appomattox River:		
June 10, 1872	40,000.00	
Mar. 3, 1873	30,000.00	
June 23, 1874	30,000.00	
Mar. 3, 1875	30,000.00	
Aug. 14, 1876	30,000.00	
June 18, 1878	30,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
VIRGINIA—Cont'd.		
Appomattox River—Continued.		
Mar. 3, 1879	$20,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	35,000.00	
July 5, 1884	25,000.00	
Aug. 5, 1886	18,750.00	
Total	328,750.00	
Aquia Creek:		
June 10, 1872	1,500.00	
Mar. 3, 1873	2,000.00	
Mar. 3, 1875	2,000.00	
June 18, 1878	5,000.00	
Total	10,500.00	
Archer's Hope River:		
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	5,000.00	
Total	10,000.00	
Blackwater River:		
June 18, 1878	5,000.00	
Mar. 3, 1879	2,500.00	
June 14, 1880	3,500.00	
Mar. 3, 1881	1,500.00	
Aug. 2, 1882	1,500.00	
Total	14,000.00	
Chickahominy River:		
June 18, 1878	5,000.00	
Mar. 3, 1879	1,000.00	
June 14, 1880	2,000.00	
Mar. 3, 1881	2,000.00	
Aug. 2, 1882	5,000.00	
Aug. 5, 1886	4,000.00	
Total	19,000.00	
Elizabeth River:		
Mar. 2, 1829	80.00	$55.90
Mar. 3, 1873	15,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	5,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	5,000.00	
Total	40,080.00	55.90
Hampton Harbor:		
Mar. 3, 1885	5,000.00	
Hampton River:		
June 18, 1878	10,000.00	
Mar. 3, 1879	2,000.00	
Total	12,000.00	
James and Appomattox Rivers:		
Aug. 30, 1852	45,000.00	268.11
James River:		
July 4, 1836	500.00	
July 11, 1870	50,000.00	
Mar. 3, 1871	50,000.00	
June 10, 1872	50,000.00	
Mar. 3, 1873	75,000.00	
June 23, 1874	50,000.00	
Mar. 3, 1875	50,000.00	
Aug. 14, 1876	60,000.00	
June 18, 1878	70,000.00	
Mar. 3, 1879	75,000.00	
June 14, 1880	75,000.00	
Mar. 3, 1881	60,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
VIRGINIA—Cont'd.		
James River—Continued.		
Aug. 2, 1882	$75,000.00	
July 5, 1884	75,000.00	
Aug. 5, 1886	112,500.00	
Total	928,000.00	
Mattaponi River:		
June 14, 1880	2,500.00	
Mar. 3, 1881	3,300.00	
July 5, 1884	2,500.00	
Aug. 5, 1886	5,000.00	
Total	13,300.00	
Nansemond River:		
Mar. 3, 1873	15,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	5,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	2,000.00	
Total	37,000.00	
Neabsco Creek:		
Mar. 3, 1881	5,000.00	
New River:		
Aug. 14, 1876	15,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	12,000.00	
June 14, 1880	24,000.00	
Mar. 3, 1881	24,000.00	
Aug. 2, 1882	12,000.00	
Aug. 5, 1886	10,000.00	
Total	112,000.00	
Nomini Creek:		
Mar. 3, 1873	10,000.00	
June 23, 1874	6,000.00	
Mar. 3, 1875	5,000.00	
Mar. 3, 1879	2,500.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	2,000.00	
Aug. 2, 1882	2,000.00	
Total	32,500.00	
Norfolk Harbor:		
Aug. 14, 1876	35,000.00	
June 18, 1878	20,000.00	
June 18, 1878	50,000.00	
Mar. 3, 1879	75,000.00	
June 14, 1880	50,000.00	
Mar. 3, 1881	75,000.00	
Aug. 2, 1882	75,000.00	
July 5, 1884	25,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	187,500.00	
Total	642,500.00	
Nottaway River:		
June 14, 1880	5,000.00	
Mar. 3, 1881	2,000.00	
Total	7,000.00	
Occoquan River:		
Mar. 3, 1873	5,000.00	
June 23, 1874	5,000.00	
Mar. 3, 1875	5,000.00	
June 18, 1878	10,000.00	
Total	25,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
VIRGINIA—Cont'd.		
Onancock Harbor:		
Mar. 3, 1879	$3,000.00	
June 14, 1880	5,000.00	
Total	8,000.00	
Pamunkey River:		
June 14, 1880	2,500.00	
Mar. 3, 1881	2,500.00	
Aug. 2, 1882	2,500.00	
Aug. 5, 1886	5,000.00	
Total	12,500.00	
Pagon Creek:		
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Total	10,000.00	
Rappahannock River:		
Aug. 30, 1852	3,000.00	$180.82
Mar. 3, 1871	15,000.00	
June 10, 1872	15,000.00	
Mar. 3, 1873	15,000.00	
June 23, 1874	7,000.00	
Mar. 3, 1875	5,000.00	
Aug. 14, 1876	10,000.00	
June 18, 1878	13,500.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	17,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	20,000.00	
Total	190,500.00	180.82
Staunton River:		
Mar. 3, 1879	5,000.00	
June 14, 1880	7,500.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	7,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	10,000.00	
Total	39,500.00	
Totusky River:		
June 14, 1880	2,500.00	
Mar. 3, 1881	2,500.00	
Aug. 2, 1882	5,000.00	
Total	10,000.00	
Urbana Creek:		
Mar. 3, 1879	5,000.00	
June 14, 1880	2,500.00	
Mar. 3, 1881	4,000.00	
Aug. 2, 1882	4,000.00	
Total	15,500.00	
York River:		
June 14, 1880	10,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	18,750.00	
Total	98,750.00	
WASHINGTON.		
Chehalis River:		
Aug. 2, 1882	3,000.00	
July 5, 1884	2,500.00	
Aug. 5, 1886	2,500.00	
Total	8,000.00	
WASHINGTON—Cont'd.		
Cowlitz River:		
June 14, 1880	$2,000.00	
Mar. 3, 1881	1,000.00	
Aug. 2, 1882	1,000.00	
July 5, 1884	2,000.00	
Aug. 5, 1886	2,000.00	
Total	8,000.00	
Skagit, Steilaquamish, Nooksack, Snohomish, and Snoqualmie Rivers:		
June 14, 1880	2,500.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	10,000.00	
Total	42,500.00	
WEST VIRGINIA.		
Buckhannon River:		
July 5, 1884	1,500.00	
Aug. 5, 1886	1,500.00	
Total	3,000.00	
Elk River:		
June 18, 1878	5,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	2,000.00	
Aug. 5, 1886	1,500.00	
Total	18,500.00	
Great Kanawha River:		
Mar. 3, 1873	25,000.00	
June 23, 1874	25,000.00	
Mar. 3, 1875	300,000.00	
Aug. 14, 1876	270,000.00	
June 18, 1878	222,000.00	
Mar. 3, 1879	150,000.00	
June 14, 1880	200,000.00	
Mar. 3, 1881	200,000.00	
Aug. 2, 1882	200,000.00	
July 5, 1884	200,000.00	
Aug. 5, 1886	187,500.00	
Total	1,979,500.00	
Allotment from indefinite appropriation for operating and care of canals and other works, etc.—		
1885	7,075.00	
1886	7,810.00	
1887	11,170.00	
Total	26,055.00	
Guyandotte River:		
June 18, 1878	2,000.00	
Mar. 3, 1879	1,000.00	
June 14, 1880	2,000.00	
Mar. 3, 1881	3,500.00	
Aug. 2, 1882	2,000.00	
July 5, 1884	2,000.00	
Total	12,500.00	
Little Kanawha River:		
Aug. 14, 1876	7,300.00	
June 18, 1878	18,000.00	
Mar. 3, 1879	18,000.00	
June 14, 1880	15,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	31,000.00	
Aug. 5, 1886	16,875.00	
Total	146,175.00	

Name of work and date of act.	Amount appropriated	Amount carried to surplus fund.
WEST VIRGINIA—Con.		
Shenandoah River:		
June 14, 1880	$15,000.00	
Mar. 3, 1881	2,500.00	
Total	17,500.00	
Upper Monongahela River:		
June 23, 1874	25,000.00	
Mar. 3, 1875	22,000.00	
Total	47,000.00	
WISCONSIN.		
Ahnapee Harbor:		
Mar. 3, 1871	25,000.00	
June 10, 1872	25,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	8,000.00	
June 18, 1878	8,000.00	
Mar. 3, 1879	7,000.00	
June 14, 1880	7,000.00	
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	12,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	15,000.00	
Total	155,000.00	
Ashland Harbor:		
Aug. 5, 1886	22,500.00	
Chippewa River:		
Aug. 14, 1876	10,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	8,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	35,000.00	
Aug. 2, 1882	30,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	18,750.00	
Total	146,750.00	
Fox and Wisconsin Rivers:		
Mar. 3, 1873	300,000.00	
June 23, 1874	300,000.00	
Mar. 3, 1875	25,000.00	
Mar. 3, 1875	500,000.00	
Aug. 14, 1876	270,000.00	
June 20, 1878	5,310.00	
June 18, 1878	250,000.00	
Mar. 3, 1879	150,000.00	
June 16, 1880	5,010.00	
June 14, 1880	125,000.00	
Mar. 3, 1881	125,000.00	
Aug. 2, 1882	200,000.00	
Mar. 3, 1883	2,460.00	
July 5, 1884	160,000.00	
Aug. 5, 1886	40,576.97	
Aug. 5, 1886	56,250.00	
Total	2,514,606.97	
Allotment from indefinite appropriation for operating and care of canals, etc.:		
1885	54,000.00	
1886	10,000.00	
1886 (Fox)	26,000.00	
1887	42,900.00	
Total	132,900.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
WISCONSIN—Cont'd.		
Green Bay and Mississippi Canal Company:		
June 10, 1872	$13,713.97	
June 10, 1872	145,000.00	$201.65
Total	158,713.97	201.65
Menasha Dam (Fox River)	51,756.16	
Total for Fox and Wisconsin Rivers	2,908,699.10	201.65
Green Bay Harbor:		
June 23, 1866	30,500.00	
Mar. 2, 1867	45,000.00	
July 25, 1868	17,500.00	
Apr. 10, 1869	44,550.00	
July 11, 1870	17,500.00	
Mar. 3, 1871	17,500.00	
Mar. 3, 1873	20,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	8,000.00	
June 18, 1878	5,000.00	
Mar. 3, 1879	4,000.00	
June 14, 1880	6,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	7,000.00	
Total	277,550.00	
Harbor of Refuge, Sturgeon Bay Canal:		
Mar. 3, 1873	40,000.00	
Kenosha Harbor:		
Aug. 30, 1852	10,000.00	5.83
June 23, 1866	75,461.41	
Apr. 10, 1869	5,346.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
June 10, 1872	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	15,000.00	
Aug. 14, 1876	8,000.00	
June 18, 1878	8,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	6,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	192,807.41	5.83
Kewaunee Harbor:		
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	12,000.00	
July 5, 1884	18,000.00	
Aug. 5, 1886	10,000.00	
Total	45,000.00	
Manitowoc Harbor:		
Aug. 30, 1852	8,000.00	
June 23, 1866	52,000.00	
Mar. 2, 1867	45,000.00	
July 25, 1868	17,500.00	
Apr. 10, 1869	17,820.00	
July 11, 1870	20,000.00	
Mar. 3, 1871	11,000.00	
Mar. 3, 1873	20,000.00	
June 23, 1874	10,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
WISCONSIN—Cont'd.		
Manitowoc Harbor—Continued.		
Mar. 3, 1875	$10,000.00	
Aug. 14, 1876	8,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	6,500.00	
June 14, 1880	7,000.00	
Mar. 3, 1881	4,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	15,000.00	
Total	291,820.00	
Milwaukee Bay, harbor of refuge:		
Mar. 3, 1881	100,000.00	
Aug. 2, 1882	100,000.00	
July 5, 1884	85,000.00	
Aug. 5, 1886	60,000.00	
Total	345,000.00	
Milwaukee Harbor:		
Mar. 3, 1843	15,000.00	
June 11, 1844	20,000.00	
Aug. 30, 1852	15,000.00	
Mar. 3, 1853	163.94	$163.94
June 23, 1866	48,283.51	
Apr. 10, 1869	35,640.00	
July 11, 1870	40,000.00	
Mar. 3, 1871	38,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	26,000.00	
June 18, 1878	15,000.00	
Mar. 3, 1879	7,500.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	10,000.00	
Total	333,587.45	163.94
Milwaukee River:		
July 4, 1836	400.00	400.00
Neenah and Wisconsin Rivers:		
Mar. 3, 1839	2,000.00	155.21
Oconto Harbor:		
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	15,000.00	
Aug. 5, 1886	8,000.00	
Total	48,000.00	
Pensaukee Harbor:		
Aug. 2, 1882	10,000.00	
July 5, 1884	5,000.00	
Total	15,000.00	
Port Washington Harbor:		
July 11, 1870	15,000.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	15,000.00	
Mar. 3, 1873	15,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	8,000.00	
June 18, 1878	5,000.00	
Mar. 3, 1879	7,500.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	17,000.00	
Aug. 2, 1882	17,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	5,000.00	
Total	169,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
WISCONSIN—Cont'd.		
Racine Harbor:		
June 15, 1844	$12,500.00	
Aug. 30, 1852	10,000.00	$1.67
June 23, 1866	23,910.00	
Mar. 2, 1867	45,000.00	
Apr. 10, 1869	22,275.00	
July 11, 1870	10,000.00	
Mar. 3, 1871	10,000.00	
Mar. 3, 1873	20,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	8,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	6,000.00	
June 14, 1880	6,000.00	
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	7,000.00	
July 5, 1884	7,000.00	
Aug. 5, 1886	10,000.00	
Total	233,685.00	1.67
Sheboygan Harbor:		
Aug. 30, 1852	10,000.00	
June 23, 1866	47,598.91	
Mar. 2, 1867	8,000.00	
Apr. 10, 1869	14,850.00	
July 11, 1870	15,000.00	
Mar. 3, 1871	15,000.00	
June 10, 1872	18,000.00	
Mar. 3, 1873	10,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	6,000.00	
June 18, 1878	4,000.00	
Mar. 3, 1879	3,000.00	
June 14, 1880	7,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	30,000.00	
July 5, 1884	28,000.00	
Aug. 5, 1886	15,000.00	
Total	276,448.91	
Southport Harbor:		
June 15, 1844	12,500.00	
Mar. 3, 1845	15,000.00	
Total	27,500.00	
Stockholm Harbor:		
July 5, 1884	15,000.00	
Sturgeon Bay Canal (harbor of refuge):		
June 14, 1870	10,000.00	
June 23, 1870	10,000.00	
June 18, 1878	30,000.00	
Mar. 3, 1879	30,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	5,000.00	
Aug. 5, 1886	5,000.00	
Total	130,000.00	
Superior Bay:		
Mar. 3, 1873	100,000.00	
Aug. 14, 1876	3,000.00	
June 18, 1878	3,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	40,000.00	
July 5, 1884	45,000.00	
Total	211,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
WISCONSIN—Cont'd.		
Superior City Harbor:		
Mar. 2, 1867	$63,000.00	
Apr. 10, 1869	44,550.00	
July 11, 1870	40,000.00	
Mar. 3, 1871	60,000.00	
June 10, 1872	50,000.00	
Total	257,550.00	
Two Rivers Harbor:		
Mar. 3, 1871	25,000.00	
June 10, 1872	25,000.00	
Mar. 3, 1873	25,000.00	
June 23, 1874	15,000.00	
Mar. 3, 1875	15,000.00	
Aug. 14, 1876	5,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	20,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	8,000.00	
Total	198,000.00	
Winnebago Lake:		
Mar. 3, 1839	500.00	$117.88
Wisconsin River:		
Mar. 2, 1867	40,000.00	
July 11, 1870	100,000.00	
Total	140,000.00	
MISCELLANEOUS.		
Arkansas River:		
July 3, 1832	15,000.00	38.00
Mar. 3, 1835	40,000.00	
Mar. 3, 1837	25,000.00	
July 7, 1838	40,000.00	1,115.66
Aug. 30, 1852	40,000.00	269.47
July 25, 1868	20,000.00	
Mar. 3, 1879	20,000.00	
June 14, 1880	15,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	24,000.00	
Mar. 3, 1881	23,000.00	
Aug. 2, 1882	20,000.00	
Aug. 2, 1882	20,000.00	
July 5, 1884	19,000.00	
July 5, 1884	36,000.00	
July 5, 1884	55,500.00	
Aug. 5, 1886	75,000.00	
Aug. 5, 1886	19,875.00	
Total	532,375.00	1,423.13
Arrearages:		
Sept. 9, 1841	40,000.00	
Aug. 23, 1842	15,000.00	
Total	55,000.00	
Bayou Bartholomew, Louisiana and Arkansas:		
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	5,000.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	5,000.00	
Total	23,000.00	
Bayou Pierre, Louisiana and Mississippi:		
July 5, 1884	8,600.00	
Aug. 5, 1886	5,000.00	
Total	13,600.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Black and White Rivers, Arkansas and Missouri:		
Mar. 3, 1837	$1,000.00	$678.98 197.64
Total	1,000.00	876.62
Black River, Arkansas and Missouri.		
Mar. 3, 1881	6,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	5,000.00	
Total	41,000.00	
Channel between Staten Island and New Jersey:		
Aug. 14, 1876	10,000.00	
Chattahoochee River, Alabama and Louisiana:		
Feb. 24, 1835	2,000.00	2,000.00
Aug. 14, 1876	20,000.00	
June 18, 1878	18,000.00	
Mar. 3, 1879	15,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	35,000.00	
Aug. 5, 1886	20,000.00	
Total	175,000.00	2,000.00
Chattahoochee and Flint Rivers, Alabama and Georgia.:		
June 23, 1874	25,000.00	
Mar. 3, 1875	25,000.00	
Total	50,000.00	
Chesapeake Bay:		
July 14, 1836	500.00	14.44
Aug. 30, 1852	20,000.00	
Aug. 2, 1882	10,000.00	
Total	30,500.00	14.44
Colorado River, Nevada and California, etc.:		
July 5, 1884	25,000.00	
Contingencies of rivers and harbors:		
Transportation of officers, etc.:		
Aug. 30, 1852	10,000.00	
Repairs, etc., Atlantic coast:		
Aug. 30, 1852	10,000.00	
Total	20,000.00	
Coosa River, Alabama and Georgia:		
Jan. 24, 1873	2,133.33	
Aug. 14, 1876	30,000.00	
June 18, 1878	75,000.00	
Mar. 3, 1879	45,000.00	
June 14, 1880	75,000.00	
Aug. 2, 1882	75,000.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	45,000.00	
Total	397,133.33	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Cumberland River, Kentucky and Tennessee:		
July 3, 1832	$30,000.00	
June 28, 1834	30,000.00	
July 2, 1836	20,000.00	
Mar. 3, 1837	55,000.00	
July 7, 1838	20,000.00	$519.92
Mar. 3, 1871	30,000.00	
June 10, 1872	20,000.00	
Mar. 3, 1873	25,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	2,000.00	
Aug. 14, 1876	10,000.00	
Aug. 14, 1876	15,000.00	
Aug. 14, 1876	25,000.00	
June 18, 1878	45,000.00	
June 18, 1878	60,000.00	
Mar. 3, 1879	39,000.00	
Mar. 3, 1879	40,000.00	
June 14, 1880	20,000.00	
June 14, 1880	45,000.00	
Mar. 3, 1881	10,000.00	
Mar. 3, 1881	15,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	3,000.00	
Aug. 2, 1882	5,000.00	
Aug. 2, 1882	15,000.00	
Aug. 2, 1882	15,000.00	
Aug. 2, 1882	30,000.00	
July 5, 1884	4,000.00	
July 5, 1884	7,500.00	
July 5, 1884	50,000.00	
Aug. 5, 1886	12,500.00	
Aug. 5, 1886	75,000.00	
Total	838,000.00	519.92
Cumberland Sound, Florida and Georgia:		
June 14, 1880	30,000.00	
Mar. 3, 1881	100,000.00	
Aug. 2, 1882	50,000.00	
July 5, 1884	75,000.00	
Aug. 5, 1886	112,500.00	
Total	367,500.00	
Current River, Missouri and Arkansas:		
June 10, 1872	5,000.00	
Mar. 3, 1881	2,000.00	
Total	7,000.00	
Dan River, Virginia and North Carolina:		
June 14, 1880	10,000.00	
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	7,500.00	
July 5, 1884	5,000.00	
Aug. 5, 1886	10,000.00	
Aug. 5, 1886	10,000.00	
Total	50,500.00	
Delaware Bay:		
May 7, 1822	22,700.00	21,741.00 18.91
May 23, 1828	250,000.00	
July 4, 1836	1,000.00	207.60
July 15, 1870	225,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	15,000.00	
Aug. 14, 1876	30,000.00	
June 88, 1878	20,000.00	
Mar. 3, 1879	10,500.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	13,000.00	
Total	617,200.00	21,967.51

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Delaware River:		
Apr. 6, 1802	$30,000.00	
Mar. 1, 1805	5,888.79	
Apr. 18, 1806	448.71	
May 20, 1826	100.00	$71.75
May 20, 1826	3,000.00	17,895.99
May 20 1826	22,000.00	
Mar. 2, 1827	5,383.40	
Mar. 2, 1827	100.00	
May 23, 1828	4,413.00	36.11
Mar. 2, 1831	4,000.00	3.44
July 4, 1836	15,000.00	14,986.20
June 10, 1872	10,000.00	
Mar. 3, 1873	50,000.00	
Mar. 3, 1873	50,000.00	
Mar. 3, 1873	15,000.00	
June 23, 1874	50,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	20,000.00	
Mar. 3, 1875	10,000.00	
Aug. 14, 1876	40,000.00	
June 18, 1878	100,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	45,000.00	
Mar. 3, 1879	100,000.00	
Mar. 3, 1879	6,000.00	
Mar. 3, 1879	50,000.00	
June 14, 1880	10,000.00	
June 14, 1880	85,000.00	
June 14, 1880	100,000.00	
June 14, 1880	40,000.00	
Mar. 3, 1881	10,000.00	
Mar. 3, 1881	100,000.00	
Mar. 3, 1881	100,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	10,000.00	
Aug. 2, 1882	136,000.00	
Aug. 2, 1882	100,000.00	
Aug. 2, 1882	40,000.00	
July 5, 1884	200,000.00	
Aug. 5, 1886	210,000.00	
Total	1,837,333.90	32,993.49
Dismal Swamp Canal:		
July 4, 1836	15,000.00	
Mar. 3, 1837	10,000.00	
July 7, 1838	10,000.00	38.08
Total	35,000.00	38.08
Dismal Swamp Canal Company;		
May 18, 1826	150,000.00	
Dredge-boats, deficiencies, etc.:		
Mar. 3, 1855	1,696.15	585.49
Dredging-machine:		
July 2, 1836	8,000.00	
Mar. 3, 1841	4,369.00	
Mar. 3, 1855	8,617.81	
Total	20,986.81	
Escambia-Conecuh Rivers, Florida and Alabama:		
Aug. 2, 1882	12,000.00	
July 5, 1884	12,000.00	
Aug. 5, 1886	12,000.00	
Total	36,000.00	
Examinations and surveys:		
Mar. 2, 1827	30,000.00	
May 19, 1828	30,000.00	
Mar. 2, 1829	30,000.00	
May 31, 1830	30,000.00	
Mar. 2, 1831	25,000.00	
July 3, 1832	30,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Examinations and surveys—Continued.		
Mar. 2, 1833	$25,000.00	
Mar. 3, 1835	25,000.00	
July 2, 1836	30,000.00	
Mar. 3, 1837	30,000.00	
June 23, 1866	25,000.00	
June 23, 1866	30,000.00	
June 23, 1866	200,000.00	
Mar. 2, 1867	255,000.00	$334.40
July 15, 1870	30,000.00	
July 11, 1870	150,000.00	
July 15, 1870	50,000.00	
Mar. 3, 1871	175,000.00	
June 23, 1874	75,000.00	
Mar. 3, 1875	50,000.00	
June 14, 1878	*334.40	
Mar. 3, 1879	24,000.00	
Mar. 3, 1879	150,000.00	
June 14, 1880	150,000.00	
Mar. 3, 1881	50,000.00	
Aug. 2, 1882	150,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	125,000.00	
Aug. 5, 1886	100,000.00	
Surveys, etc.:		
Apr. 30, 1824	30,000.00	
May 25, 1825	28,567.00	
Mar. 3, 1826	20,000.00	
Mar. 25, 1826	50,000.00	
May 20, 1826	1,000.00	
May 20, 1826	500.00	
Mar. 2, 1827	200.00	4.81
Mar. 2, 1827	200.00	
May 31, 1830	10,400.00	
July 4, 1832	3,000.00	
June 28, 1834	29,000.00	
July 7, 1838	2,000.00	
Mar. 1, 1843	15,000.60	
Mar. 3, 1853	50,000.00	
June 10, 1872	150,000.00	
Mar. 3, 1873	125,000.00	
June 18, 1878	150,000.00	
Total	2,749,201.40	339.21
Gordan's Landing (Lake Champlain):		
Aug. 5, 1886	18,750.00	
Illinois and Michigan Canal:		
Aug. 5, 1886	15,000.00	
Inland waterway, Chincoteague Bay to Delaware Bay, Virginia and Delaware:		
Aug. 5, 1886	18,750.00	
Isles of Shoals, New Hampshire and Maine:		
Mar. 3, 1821	2,500.00	
May 7, 1822	11,500.00	
Total	14,000.00	
Lake Champlain, New York and Vermont:		
July 4, 1836	15,000.00	
Mar. 3, 1837	6,000.00	
Aug. 30, 1852	20,000.00	
Aug. 5, 1886	30,000.00	
Total	71,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Lake Erie, Ohio and Pennsylvania:		
Aug. 30, 1852	$20,000.00	
Lake Michigan:		
Aug. 30, 1852	20,000.00	
Lake Pepin, Wisconsin and Minnesota:		
Aug. 2, 1882	20,000.00	
Little Narragansett Bay (Rhode Island and Connecticut):		
Aug. 14, 1876	5,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	5,000.00	
June 14, 1880	5,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	6,000.00	
Total	36,000.00	
Menomonee River (Wisconsin and Michigan):		
Mar. 3, 1871	25,000.00	
June 10, 1872	25,000.00	
Mar. 3, 1873	25,000.00	
June 23, 1874	25,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	8,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	12,000.00	
Aug. 2, 1882	15,000.00	
July 5, 1884	10,000.00	
Aug. 5, 1886	3,000.00	
Total	203,000.00	
Mississippi River:		
Feb. 1, 1819	6,500.00	
Apr. 14, 1820	4,500.00	
Aug. 30, 1852	90,000.00	$6.34
July 25, 1868	†40,000.00	
Mar. 3, 1881	‡1,000,000.00	
June 19, 1884	‡1,000,000.00	
July 5, 1884	75,000.00	
July 5, 1884	‖75,000.00	
Aug. 5, 1886	80,000.00	
Aug. 5, 1886	56,250.00	
Total	2,377,250.00	6.34
Mississippi River Commission:		
June 28, 1879	175,000.00	
June 16, 1880	150,000.00	
Mar. 3, 1881	150,000.00	
Aug. 7, 1882	150,000.00	
Mar. 3, 1883	150,000.00	
July 5, 1884	75,000.00	
Total	850,000.00	
Reservoirs at headwaters of:		
June 14, 1880	75,000.00	
Mar. 3, 1881	150,000.00	
Aug. 2, 1882	300,000.00	
July 5, 1884	60,000.00	
Aug. 5, 1886	37,500.00	
Total	622,500.00	

*Re-appropriated.
† Deficiencies.
‡ As per H. Ex. Doc. 53, Forty-sixth Congress, second session.
‖ Headwaters to mouth.
‖ Removing snags, etc.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Mississippi River—Con.		
Upper, above Falls of Saint Anthony:		
July 11, 1870	$36,000.00	
June 10, 1872	42,000.00	
Aug. 14, 1876	20,000.00	
June 14, 1880	15,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	10,000.00	
Total	133,000.00	
From Minneapolis, Minn., to Des Moines Rapids, Iowa:		
Mar. 2, 1867	*96,000.00	$0.01
July 25, 1868	26,000.00	
Apr. 10, 1869	35,640.00	
Mar. 3, 1871	42,000.00	
Mar. 3, 1873	25,000.00	
Mar. 3, 1873	†25,000.00	
June 23, 1874	10,000.00	
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	30,000.00	
Aug. 14, 1876	‡15,000.00	
June 18, 1878	‡10,000.00	
June 18, 1878	41,500.00	
June 18, 1878	250,000.00	
June 18, 1878	12,500.00	
Mar. 3, 1879	‡4,000.00	
Mar. 3, 1879	20,000.00	
Mar. 3, 1879	§100,000.00	
June 14, 1880	‡7,000.00	
June 14, 1880	8,000.00	
June 14, 1880	150,000.00	
June 14, 1880	‖10,000.00	
Mar. 3, 1881	¶5,000.00	
Mar. 3, 1881	**5,000.00	
Mar. 3, 1881	§6,000.00	
Mar. 3, 1881	††6,000.00	
Mar. 3, 1881	200,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	25,000.00	
Aug. 2, 1882	‡‡8,000.00	
Aug. 2, 1882	250,000.00	
July 5, 1884	250,000.00	
Aug. 5, 1886	§§382,500.00	
Aug. 5, 1886	22,500.00	
Total	2,127,640.00	.01
Rock Island Rapids:		
June 23, 1866	100,000.00	
Mar. 2, 1867	200,000.00	
July 25, 1868	156,000.00	
Apr. 10, 1869	133,650.00	
July 11, 1870	150,000.00	
Mar. 3, 1871	150,000.00	
June 10, 1872	50,000.00	
Mar. 3, 1873	50,000.00	
June 23, 1874	50,000.00	
Mar. 3, 1875	50,000.00	
Aug. 14, 1876	25,000.00	
June 18, 1878	30,000.00	
Mar. 3, 1879	6,000.00	
June 14, 1880	8,000.00	
Mar. 3, 1881	8,000.00	
Total	1,166,650.00	

* Operating snag-boat, etc.
† At Meeker's Island.
‡ Bar at Dubuque.
§ Includes $20,000 for Adams.
‖ At Alexandria, Mo.
¶ Opposite Guttenburg.
** Opposite Dubuque.
†† At Andalusia, Ill.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Mississippi River—Con.		
Des Moines Rapids:		
Aug. 16, 1856	$200,000.00	$473.22
June 23, 1866	200,000.00	
Mar. 2, 1867	500,000.00	
July 25, 1868	300,000.00	
Apr. 10, 1869	178,200.00	
Dec. 21, 1869	200,000.00	
July 11, 1870	400,000.00	
Jan. 18, 1871	341,000.00	
Mar. 3, 1871	250,000.00	
June 10, 1872	400,000.00	
Mar. 3, 1873	400,000.00	
June 23, 1874	400,000.00	
Mar. 3, 1875	480,000.00	
Aug. 14, 1876	230,000.00	
June 18, 1878	95,000.00	
Mar. 3, 1879	25,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	30,000.00	
July 5, 1884	50,000.00	
Total	4,724,200.00	473.22
Des Moines Rapids Canal:		
Apr. 30, 1878	7,500.00	
Mar. 3, 1879	40,000.00	
June 14, 1880	30,000.00	
Aug. 2, 1882	‖‖30,000.00	
July 5, 1884	‖‖30,000.00	
Aug. 5, 1886	‖‖18,750.00	
Aug. 5, 1886	26,250.00	
Total	212,500.00	
Allotment from indefinite appropriation for operating and care of canals, etc.:		
1882	45,000.00	
1883	75,000.00	
1884	47,000.00	
1885	40,500.00	
1886	43,000.00	
1887	44,000.00	
Total	294,500.00	
From Des Moines Rapids to mouth of Illinois River:		
Mar. 3, 1879	40,000.00	
Mar. 3, 1879	¶¶20,000.00	
June 14, 1880	¶¶25,000.00	
June 14, 1880	100,000.00	
June 14, 1880	***25,000.00	
Mar. 3, 1881	***20,000.00	
Mar. 3, 1881	†††10,000.00	
Mar. 3, 1881	175,000.00	
Aug. 2, 1882	200,000.00	
July 5, 1884	200,000.00	
Aug. 5, 1886	150,000.00	
Total	965,000.00	

‡‡ For Adams' Flume.
§§ Includes $15,000 to be used in the discretion of the Secretary of War for the Adams Flume.
‖‖ Dry-dock.
¶¶ At Quincy, Ill.
*** At Hannibal, Mo.
††† At Louisiana, Mo.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Mississippi River—Con. From Des Moines Rapids to mouth of the Ohio:		
Mar. 3, 1873	$200,000.00	
June 18, 1878	100,000.00	
Total	300,000.00	
From mouth of Illinois to mouth of the Ohio:		
July 4, 1836	15,000.00	
Mar. 3, 1837	50,000.00	
June 10, 1872	25,000.00	
June 10, 1872	100,000.00	
June 23, 1874	200,000.00	
Mar. 3, 1875	200,000.00	
Aug. 14, 1876	200,000.00	
Aug. 14, 1876	29,600.00	
June 18, 1878	240,000.00	
Mar. 3, 1879	200,000.00	
June 14, 1880	250,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	10,000.00	
Mar. 3, 1881	600,000.00	
Aug. 2, 1882	600,000.00	
July 5, 1884	520,000.00	
Aug. 5, 1886	375,000.00	
Total	3,634,600.00	
From Cairo, Ill., to Head of Passes, La.:		
Aug. 14, 1876	*5,000.00	
June 18, 1878	*5,000.00	
June 18, 1878	84,000.00	
Mar. 3, 1879	*5,000.00	
June 14, 1880	*5,000.00	
June 14, 1880	20,000.00	
June 14, 1880	40,000.00	
Mar. 3, 1881	50,000.00	
Mar. 3, 1881	75,000.00	
Mar. 3, 1881	*5,000.00	
Aug. 2, 1882	*5,500.00	
Aug. 2, 1882	4,000,000.00	
Mar. 12, 1884	*2,100.00	
July 5, 1884	1,350,000.00	
July 5, 1884	*5,000.00	
Aug. 5, 1886	*5,000.00	
Aug. 5, 1886	2,000,000.00	
Total	7,661,600.00	
Reclamation of alluvial basin:		
June 22, 1874	25,000.00	
June 14, 1878	†5,000.00	
Total	30,000.00	
Mississippi and Arkansas Rivers:		
June 18, 1878	180,000.00	
Mississippi and Missouri Rivers:		
July 2, 1836	40,000.00	
Mar. 3, 1837	40,000.00	$1,458.70
July 7, 1838	20,000.00	
Total	100,000.00	1,458.70
Mississippi, Missouri, and Arkansas Rivers:		
July 11, 1870	150,000.00	
Mar. 3, 1871	150,000.00	
June 10, 1872	90,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Mar. 3, 1873	$100,000.00	
June 23, 1874	100,000.00	
Mar. 3, 1875	50,000.00	
Aug. 14, 1876	100,000.00	
Mar. 3, 1879	190,000.00	
June 14, 1880	200,000.00	
Mar. 3, 1881	185,000.00	
Aug. 2, 1882	185,000.00	
Total	1,500,000.00	
Mississippi, Missouri, Arkansas, and Ohio Rivers:		
Aug. 23, 1840	100,000.00	
Mar. 1, 1843	100,000.00	
June 11, 1844	180,000.00	$62.73
Aug. 30, 1850	40,000.00	
June 23, 1866	550,000.00	
Total	970,000.00	62.73
Mississippi, Missouri, Arkansas, and Red Rivers:		
Feb. 7, 1878	40,000.00	
Mississippi, Saint Croix, Chippewa, and Wisconsin Rivers:		
Mar. 3, 1879	25,000.00	
Monongahela River, West Virginia and Pennsylvania:		
June 10, 1872	25,000.00	
Mar. 3, 1873	66,000.00	
June 18, 1878	25,000.00	
Mar. 3, 1879	24,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	45,000.00	
Aug. 5, 1886	90,900.00	
Total	350,900.00	
Allotment from indefinite appropriation for operating and care of canals, and other works, etc.:		
1885	10,100.00	
1886	1,000.00	
1887	2,300.00	
Total	13,400.00	
Missouri River:		
Aug. 30, 1852	40,000.00	
July 25, 1868	25,000.00	
Mar. 3, 1873	10,000.00	
Aug. 14, 1876	20,000.00	
June 18, 1878	12,500.00	
June 18, 1878	20,000.00	
June 18, 1878	20,000.00	
June 18, 1878	20,000.00	
June 18, 1878	25,000.00	
June 18, 1878	30,000.00	
June 18, 1878	30,000.00	
June 18, 1878	50,000.00	
June 18, 1878	50,000.00	
June 18, 1878	50,000.00	
June 18, 1878	70,000.00	
Mar. 3, 1879	5,000.00	
Mar. 3, 1879	9,000.00	
Mar. 3, 1879	10,000.00	

* Gauging waters.

† Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Missouri River—Con.		
Mar. 3, 1879	$10,000.00	
Mar. 3, 1879	10,000.00	
Mar. 3, 1879	15,000.00	
Mar. 3, 1879	20,000.00	
Mar. 3, 1879	30,000.00	
Mar. 3, 1879	30,000.00	
Mar. 3, 1879	30,000.00	
Mar. 3, 1879	45,000.00	
Mar. 3, 1879	50,000.00	
June 14, 1880	8,000.00	
June 14, 1880	8,000.00	
June 14, 1880	10,000.00	
June 14, 1880	10,000.00	
June 14, 1880	10,000.00	
June 14, 1880	14,000.00	
June 14, 1880	15,000.00	
June 14, 1880	15,000.00	
June 14, 1880	20,000.00	
June 14, 1880	20,000.00	
June 14, 1880	20,000.00	
June 14, 1880	20,000.00	
June 14, 1880	25,000.00	
June 14, 1880	25,000.00	
June 14, 1880	25,000.00	
June 14, 1880	30,000.00	
Mar. 3, 1881	7,000.00	
Mar. 3, 1881	8,000.00	
Mar. 3, 1881	10,000.00	
Mar. 3, 1881	10,000.00	
Mar. 3, 1881	10,000.00	
Mar. 3, 1881	15,000.00	
Mar. 3, 1881	15,000.00	
Mar. 3, 1881	15,000.00	
Mar. 3, 1881	20,000.00	
Mar. 3, 1881	20,000.00	
Mar. 3, 1881	20,000.00	
Mar. 3, 1881	20,000.00	
Mar. 3, 1881	20,000.00	
Mar. 3, 1881	30,000.00	
Mar. 3, 1881	30,000.00	
Mar. 3, 1881	35,000.00	
Mar. 3, 1881	40,000.00	
Aug. 2, 1882	40,000.00	
Aug. 2, 1882	100,000.00	
Aug. 2, 1882	350,000.00	
July 5, 1884	15,000.00	
July 5, 1884	50,000.00	
July 5, 1884	125,000.00	
July 5, 1884	500,000.00	
Aug. 5, 1886	22,500.00	
Aug. 5, 1886	60,000.00	
Aug. 5, 1886	375,000.00	
Total	3,474,000.00	
New Castle, Marcus Hook, Chester, and Port Penn, Delaware River:		
Apr. 23, 1830	10,000.00	
July 3, 1832	10,000.00	
Mar. 2, 1833	4,000.00	
June 28, 1834	6,133.00	$22.08
Mar. 3, 1835	6,000.00	
Total	36,133.00	22.08
North Landing River, Virginia and North Carolina:		
Mar. 3, 1879	25,000.00	
June 14, 1880	15,000.00	
Mar. 3, 1881	7,500.00	
Aug. 2, 1882	8,000.00	
Total	55,500.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Ohio and Mississippi Rivers:		
May 24, 1824	$75,000.00	$44,011.59
May 23, 1828	50,000.00	
Mar. 3, 1829	50,000.00	
Apr. 23, 1830	50,000.00	
Mar. 2, 1831	50,000.00	
Mar. 2, 1831	150,000.00	
June 30, 1834	6,240.63	
July 2, 1836	17,800.05	
July 2, 1836	60,000.00	
Mar. 3, 1837	60,000.00	
July 7, 1838	70,000.00	1,300.00
Total	639,040.68	46,211.59
Ohio, Missouri, and Mississippi Rivers:		
July 3, 1832	50,000.00	
Mar. 2, 1833	50,000.00	
June 28, 1834	50,000.00	
Mar. 3, 1835	50,000.00	
Mar. 3, 1837	23,000.00	76.26
Total	223,000.00	76.26
Ohio River, etc.:		
Apr. 20, 1820	5,000.00	
Mar. 3, 1827	30,000.00	5,000.00
Mar. 3, 1835	50,000.00	
July 2, 1836	20,000.00	
July 2, 1836	60,000.00	
Mar. 3, 1837	60,000.00	
July 7, 1838	5,000.00	
June 11, 1844	100,000.00	
Aug. 30, 1852	5,000.00	500.00 80.04 158.55
Aug. 30, 1852	90,000.00	13.42 10.05
Mar. 2, 1867	100,000.00	
July 25, 1868	85,000.00	
July 25, 1868	85,000.00	
July 11, 1870	50,000.00	
July 11, 1870	250,000.00	
Mar. 3, 1871	50,000.00	
Mar. 3, 1871	250,000.00	
June 10, 1872	200,000.00	
Mar. 3, 1873	200,000.00	
June 23, 1874	150,000.00	
Mar. 3, 1875	300,000.00	
Aug. 14, 1876	175,000.00	
June 18, 1878	50,000.00	
June 18, 1878	300,000.00	
Mar. 3, 1879	250,000.00	
June 14, 1880	250,000.00	
Mar. 3, 1881	350,000.00	
Mar. 21, 1882	100,000.00	
Aug. 2, 1882	350,000.00	
July 5, 1884	600,000.00	
Aug. 5, 1886	375,000.00	
Total	4,945,000.00	5,762.06
Ohio River, etc.—Con.		
Davis Island Dam:		
Allotment from indefinite appropriation for operating and care of canals and other works, etc.:		
1886	5,865.00	
1887	18,715.00	
Total	24,580.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Falls of the Ohio River, etc.:		
Apr. 10, 1869	$178,200.00	
Mar. 3, 1875	100,000.00	
July 5, 1884	300,000.00	
Aug. 5, 1886	150,000.00	
Total	728,200.00	
Louisville and Portland Canal:		
May 13, 1826	100,000.00	
May 2, 1829	133,500.00	
Jan. 18, 1871	200,000.00	
June 10, 1872	300,000.00	
Mar. 3, 1873	100,000.00	
Mar. 3, 1881	42,000.00	
Total	875,500.00	
Allotment from indefinite appropriation for operating and care of canals, etc.:		
1882	44,562.91	
1883	77,000.00	
1884	47,500.00	
1885	76,000.00	
1886	82,500.00	
1887	58,595.00	
Total	386,157.91	
Twin Island:		
Mar. 3, 1847	6,479.25	
Osage River, Missouri and Kansas:		
Mar. 3, 1871	25,000.00	
June 10, 1872	25,000.00	
Mar. 3, 1873	25,000.00	$5.61
June 23, 1874	25,000.00	
June 18, 1878	20,000.00	
Mar. 3, 1879	20,000.00	
June 14, 1880	30,000.00	
Mar. 3, 1881	20,000.00	
Aug. 5, 1886	10,000.00	
Total	200,000.00	5.61
Ouachita and Black Rivers, Louisiana and Arkansas:		
July 5, 1884	15,000.00	
Ouachita River, Louisiana and Arkansas:		
Mar. 3, 1871	25,000.00	
Mar. 3, 1871	26,000.00	
June 10, 1872	60,000.00	
June 10, 1872	40,000.00	
Mar. 3, 1873	60,000.00	
Aug. 14, 1876	12,000.00	
June 18, 1878	10,000.00	
Mar. 3, 1879	10,000.00	
June 14, 1880	8,000.00	
Mar. 3, 1881	12,000.00	
Aug. 2, 1882	12,000.00	
Aug. 5, 1886	17,500.00	
Total	292,500.00	
Piscataqua River, New Hampshire and Maine:		
May 20, 1826	200.00	
May 23, 1828	8,000.00	
Mar. 2, 1829	60.00	9.78
July 3, 1832	250.00	
July 4, 1836	5,000.00	
Mar. 3, 1837	5,000.00	
Total	18,510.00	9.78

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Potomac River:		
Mar. 2, 1833	$150,000.00	
Mar. 3, 1849	1,500.00	$291.35
July 11, 1870	50,000.00	6.51
Mar. 3, 1879	4,000.00	
June 14, 1880	3,000.00	
Mar. 3, 1881	1,500.00	
Aug. 2, 1882	400,000.00	
July 5, 1884	500,000.00	
Aug. 5, 1886	375,000.00	
Total	1,485,000.00	298.00
Preservation and repair of public works, etc., on lakes:		
Aug. 23, 1842	30,000.00	731.29
June 11, 1844	20,000.00	70.61
June 28, 1864	250,000.00	
June 28, 1864	100,000.00	
Total	400,000.00	801.90
Raft (in Red River):		
Mar. 2, 1837	187.50	
Mar. 3, 1875	20,000.00	
June 18, 1878	24,000.00	
Total	44,187.50	
Red River, Louisiana and Arkansas:		
May 28, 1828	25,000.00	2,526.00
July 3, 1832	*2,628.00	
July 3, 1832	20,000.00	
June 28, 1834	50,000.00	
Mar. 3, 1835	50,000.00	
July 2, 1836	30,000.00	18.36
July 2, 1836	40,800.00	
Mar. 3, 1837	65,000.00	
Apr. 20, 1838	70,000.00	
Mar. 3, 1841	75,000.00	
Mar. 2, 1847	7,150.00	1,001.24
Aug. 30, 1852	100,000.00	
June 10, 1872	150,000.00	
Mar. 3, 1873	80,000.00	
June 23, 1874	50,000.00	
Aug. 14, 1876	35,000.00	
Feb. 7, 1878	6,000.00	
June 18, 1878	150,000.00	
June 18, 1878	25,000.00	
Mar. 3, 1879	40,000.00	
Mar. 3, 1879	15,000.00	
Mar. 3, 1879	22,500.00	
June 14, 1880	60,000.00	
June 14, 1880	25,000.00	
Mar. 3, 1881	10,000.00	
Mar. 3, 1881	10,000.00	
Mar. 3, 1881	5,000.00	
Aug. 2, 1882	75,000.00	
July 5, 1884	75,000.00	
Aug. 5, 1886	75,000.00	
Aug. 5, 1886	7,000.00	
Total	1,451,078.00	3,545.60
Red River of the North, Minnesota and Dakota.		
Aug. 14, 1876	10,000.00	
June 18, 1878	30,000.00	
Mar. 3, 1879	25,000.00	
June 14, 1880	20,000.00	
Mar. 3, 1881	18,000.00	
Mar. 3, 1881	20,000.00	
Aug. 2, 1882	30,000.00	
Aug. 2, 1882	10,000.00	
July 5, 1884	10,000.00	
Total	173,000.00	

*Re-appropriated.

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Rivers and harbors, etc., reducing plans, etc.:		
Aug. 10, 1846	$4,988.00	
Roadstead on Mississippi Sound:		
Aug. 2, 1882	5,000.00	
Roads, etc., Georgia and Florida:		
Mar. 2, 1827	6,000.00	
Rock River Rapids and Des Moines Rapids:		
Aug. 30, 1852	100,000.00	
Saint Croix River, Wisconsin and Minnesota:		
June 18, 1878	10,000.00	
Mar. 3, 1879	8,000.00	
June 14, 1880	10,000.00	
Mar. 3, 1881	8,000.00	
Aug. 2, 1882	30,000.00	
July 5, 1884	9,000.00	
Aug. 5, 1886	7,500.00	
Total	82,500.00	
Saint Francis, Black, and White Rivers, Arkansas and Missouri:		
July 4, 1836	1,000.00	
Schwartztrauber, Phillip:		
Mar. 3, 1845	240.00	
Ship Canal, Isthmus of Darien:		
Mar. 3, 1857	25,000.00	
July 28, 1866	40,000.00	
May 18, 1872	5,000.00	
Total	70,000.00	
Shreve, Henry M.:		
Jan. 13, 1881	50,000.00	
Snag-boats, etc.:		
June 23, 1866	550,000.00	$545.60
Straits of Fuca, harbor of refuge, etc.:		
Mar. 3, 1879	150,000.00	
Susquehanna River, Maryland and Pennsylvania:		
Aug. 30, 1852	10,000.00	
June 23, 1866	26,400.00	
July 23, 1868	5,000.00	
Apr. 10, 1869	990.00	
July 11, 1870	12,000.00	
June 14, 1880	15,000.00	
June 14, 1880	28,000.00	
Mar. 3, 1881	15,000.00	
Mar. 3, 1881	15,000.00	
Aug. 2, 1882	15,000.00	
Aug. 2, 1882	25,000.00	
July 5, 1884	20,000.00	
Aug. 5, 1886	6,000.00	
Total	193,390.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.		
Tennessee River:		
Mar. 2, 1827	$200.00	
Aug. 30, 1852	50,000.00	
June 9, 1860	1,350.00	
June 12, 1860	1,406.94	
July 25, 1868	85,000.00	
Apr. 10, 1869	40,095.00	
July 11, 1870	80,000.00	
June 10, 1872	25,000.00	
June 10, 1872	50,000.00	
Mar. 3, 1873	25,000.00	
Mar. 3, 1873	100,000.00	
June 23, 1874	25,000.00	
June 23, 1874	100,000.00	
Mar. 3, 1875	40,000.00	
Mar. 3, 1875	360,000.00	
Aug. 14, 1876	270,000.00	
June 18, 1878	315,000.00	
Mar. 3, 1879	11,500.00	
Mar. 3, 1879	210,000.00	
June 14, 1880	10,000.00	
June 14, 1880	300,000.00	
Mar. 3, 1881	7,000.00	
Mar. 3, 1881	250,000.00	
Aug. 2, 1882	7,000.00	
Aug. 2, 1882	250,000.00	
Aug. 7, 1882	3,970.18	
July 5, 1884	3,000.00	
July 5, 1884	350,000.00	
Aug. 5, 1886	7,500.00	
Aug. 5, 1886	262,500.00	
Total	3,240,522.12	
Calloway, Shade:		
June 9, 1860	1,350.00	
Tombigbee River, Alabama and Mississippi:		
June 10, 1872	10,000.00	
Mar. 3, 1873	40,000.00	
June 14, 1880	4,000.00	
Mar. 3, 1881	1,000.00	
Aug. 2, 1882	1,000.00	
July 5, 1884	25,000.00	
Aug. 5, 1886	18,750.00	
Total	99,750.00	
Transportation of officers:		
May 15, 1856	2,127.12	$303.31
Transportation routes to sea-board:		
June 23, 1874	200,000.00	851.86
Waccemaw River, North Carolina and South Carolina:		
June 14, 1880	15,000.00	
Mar. 3, 1881	10,000.00	
Aug. 2, 1882	4,400.00	
July 5, 1884	6,000.00	
Aug. 5, 1886	15,000.00	
Total	50,400.00	
Warrior and Tombigbee Rivers, Alabama and Mississippi:		
Mar. 3, 1875	25,000.00	
Aug. 14, 1876	15,000.00	
June 18, 1878	40,000.00	
Mar. 3, 1879	30,000.00	
June 14, 1880	47,000.00	
Mar. 3, 1881	25,000.00	
Aug. 2, 1882	30,000.00	
Total	212,000.00	

Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.	Name of work and date of act.	Amount appropriated.	Amount carried to surplus fund.
MISCELLANEOUS—Con.			**MISCELLANEOUS—Con.**		
White and Saint Francis Rivers, Arkansas and Missouri:			Yellowstone River, Montana and Dakota:		
Mar. 2, 1833	$500.00		Mar. 3, 1879	$25,000.00	
Mar. 3, 1873	50,000.00		June 14, 1880	15,000.00	
June 18, 1878	40,000.00		Mar. 3, 1881	20,000.00	
Mar. 3, 1879	12,000.00		Aug. 2, 1882	20,000.00	
June 14, 1880	12,000.00		July 5, 1884	20,000.00	
Aug. 2, 1882	12,000.00		Aug. 5, 1886	18,750.00	
Total	126,500.00		Total	118,750.00	

TOTAL ANNUAL APPROPRIATIONS AND ALLOTMENTS, BY STATES, FOR IMPROVEMENT OF RIVERS AND HARBORS FROM AUGUST 11, 1790, TO MARCH 3, 1887.

State and year.	Amount appropriated.	Total amount carried to surplus fund.
ALABAMA.		
1826	$10,000.00	$2,871.22
1828	18,000.00	6,050.00
1829	22,871.22	
1832	6,050.00	4,499.38
1834	10,000.00	
1835	17,997.60	
1837	50,000.00	
1838	50,000.00	7,134.00
1852	50,000.00	54.85
1857	20,833.00	
1870	50,000.00	
1871	50,000.00	
1872	75,000.00	
1873	100,000.00	
1874	100,000.00	
1875	26,000.00	
1878	35,000.00	
1879	130,000.00	
1880	150,000.00	
1881	120,000.00	
1882	180,000.00	
1884	292,000.00	
1886	195,000.00	
Total	*1,758,751.82	20,609.45
ARKANSAS.		
1871	30,000.00	
1872	10,000.00	
1874	50,000.00	
1876	10,000.00	
1878	10,000.00	
1879	35,000.00	
1880	68,500.00	
1881	16,000.00	
1882	18,000.00	
1884	52,000.00	
1886	37,000.00	
Total	336,500.00	
CALIFORNIA.		
1852	30,000.00	
1868	50,000.00	
1869	29,927.27	
1871	200,000.00	
1872	125,000.00	
1873	150,000.00	
1874	125,000.00	
1875	153,000.00	
1876	95,000.00	
1878	115,000.00	
1879	93,000.00	
1880	168,000.00	
1881	211,000.00	
1882	644,000.00	
1884	323,100.00	
1886	252,250.00	
Total	2,794,277.27	
CONNECTICUT.		
1821	$150.00	
1826	400.00	
1827	1,500.00	$28.03
1828	20,000.00	6.37
1829	6,687.00	90.90
1830	16,519.67	2,198.81
1832	4,490.43	
1834	262.16	
1836	55,500.00	15,753.60
1837	24,734.00	
1838	26,332.00	
1839	15,710.00	50.09
1843	3,471.57	
1852	16,000.00	99.60
1866	10,000.00	
1867	74,500.00	
1870	57,500.00	
1871	145,000.00	250.86
1872	175,000.00	
1873	150,000.00	
1874	85,000.00	
1875	90,000.00	
1876	35,000.00	
1878	140,203.00	
1879	124,000.00	
1880	144,500.00	
1881	188,800.00	
1882	187,000.00	
1884	163,103.32	
1885	6,479.32	
1886	209,750.00	
Total	†2,177,592.47	18,478.26
DELAWARE.		
1829	17,895.99	
1830	162,000.00	
1831	208,000.00	
1832	270,000.00	
1833	270,000.00	
1834	270,000.00	
1835	100,000.00	
1836	140,000.00	?
1837	159,000.00	
1838	170,929.00	3,089.15
1852	96,090.00	114.16
1866	107,910.00	
1867	109,493.70	
1870	17,500.00	
1872	37,000.00	
1873	36,000.00	
1874	16,000.00	
1875	55,000.00	
1876	28,000.00	
1878	17,000.00	
1879	12,000.00	
1880	57,000.00	
1881	96,500.00	
1882	225,000.00	
1884	112,000.00	
1886	100,000.00	
Total	‡2,890,318.69	3,203.31

* This amount includes $8,921.22 of former appropriations re-appropriated.
† This amount includes $22,217.32 of former appropriations re-appropriated.
‡ This amount includes $17,895.99 of former appropriations re-appropriated.

State and year.	Amount appropriated.	Total amount carried to surplus fund.
DISTRICT OF COLUMBIA.		
1873	$50,000.00	
1878	50,000.00	
1879	50,000.00	
1880	40,000.00	
1881	50,000.00	
Total	240,000.00	
FLORIDA.		
1827	16,000.00	
1828	17,000.00	$1,698.50
1829	6,800.00	
1830	13,500.00	
1831	25,430.00	
1832	4,500.00	
1833	34,200.00	257.97
1834	5,102.84	70.79
1835	30,000.00	6,088.05
1836	24,500.00	21,400.00
1837	5,000.00	
1838	29,000.00	6,540.33
1839	25,400.00	4,903.49
1840	6,550.29	
1841	20,000.00	
1844	14,000.00	4,774.48
1849	5,000.00	
1852	38,000.00	928.60
1870	15,000.00	
1871	15,000.00	
1872	17,500.00	
1873	10,000.00	
1874	25,000.00	
1875	30,000.00	
1876	15,000.00	
1878	58,000.00	
1879	42,000.00	
1880	234,000.00	
1881	179,000.00	
1882	323,000.00	
1884	279,000.00	
1886	252,000.00	
Total	*1,814,483.13	46,662.21
GEORGIA.		
1826	50,000.00	24,490.00
1829	24,490.00	314.04
1832	25,000.00	
1833	8,473.68	
1834	30,000.00	
1835	20,000.00	
1836	10,000.00	9,956.00
1838	15,000.00	
1852	50,000.00	629.13
1855	161,000.00	9.3.54
1872	50,000.00	
1873	50,000.00	
1874	253,132.96	
1875	80,000.00	
1876	87,000.00	
1878	117,000.00	
1879	143,500.00	
1880	121,500.00	
1881	121,500.00	
1882	325,000.00	
1884	276,000.00	
1886	261,475.00	
Total	†2,280,071.64	36,352.71

State and year.	Amount appropriated	Total amount carried to surplus fund.
IDAHO.		
1879	$5,000.00	
1880	5,000.00	
1882	5,000.00	
Total	15,000.00	
ILLINOIS.		
1833	25,000.00	
1834	32,801.00	
1835	32,800.00	
1836	32,000.00	
1837	40,000.00	
1838	31,000.00	$65.37
1843	25,000.00	
1844	30,000.00	.10
1852	65,000.00	
1866	83,704.00	
1868	35,000.00	
1869	113,850.00	
1870	250,000.00	
1871	150,000.00	
1872	190,000.00	
1873	230,000.00	
1874	175,000.00	
1875	178,000.00	
1876	65,000.00	
1878	195,000.00	
1879	139,000.00	
1880	308,000.00	
1881	473,000.00	
1882	475,000.00	
1884	290,000.00	
1886	247,500.00	
Total	3,856,655.00	65.47
INDIANA.		
1828	500.00	
1836	20,000.00	
1837	30,000.00	
1838	60,733.59	
1841	25,000.00	
1852	20,000.00	5.15
1855	470.33	
1866	75,000.00	
1868	25,000.00	
1869	31,185.00	
1870	25,000.00	
1871	115,000.00	
1872	100,000.00	
1873	100,000.00	
1874	75,000.00	
1875	90,000.00	
1876	105,000.00	
1878	125,000.00	
1879	85,000.00	
1880	100,000.00	
1881	115,000.00	
1882	170,000.00	
1884	100,000.00	
1886	123,750.00	
Total	1,416,638.92	5.15

* This amount includes $21,633.04 of former appropriations re-appropriated.
† This amount includes $49,533.06 of former appropriations re-appropriated.

State and year.	Amount appropriated.	Total amount carried to surplus fund.
IOWA.		
1838	$1,000.00	$0.86
1839	1,500.00	
1844	7,500.00	
1845	7,000.00	
1852	15,000.00	.01
1873	8,132.95	
1876	20,000.00	
1878	18,000.00	
1879	16,100.00	
1880	12,500.00	
1881	5,000.00	
1882	22,500.00	
1884	20,000.00	
Total	154,232.95	.87
KENTUCKY.		
1878	12,000.00	
1879	112,000.00	
1880	155,000.00	
1881	178,000.00	
1882	253,500.00	
1884	302,000.00	
1885	15,000.00	
1886	248,500.00	
1887	35,133.60	
Total	*1,311,133.60	
LOUISIANA.		
1809	25,000.00	
1829	700.00	200.00
1836	75,000.00	
1837	210,000.00	497.97
1850	50,000.00	
1852	152,500.00	3,030.74
1856	330,000.00	3,447.55
1866	75,000.00	
1867	200,000.00	
1868	50,000.00	
1869	85,181.00	
1870	318,000.00	5,037.27
1871	125,000.00	
1872	198,500.00	881.50
1873	159,988.53	
1874	160,000.00	12.25
1875	255,000.00	
1876	117,100.28	
1877	500,000.00	
1878	1,175,266.46	
1879	3,494,733.54	
1880	291,500.00	
1881	315,200.00	
1882	167,500.00	
1883	175,000.00	
1884	216,500.00	
1885	150,000.00	
1886	173,992.00	
1887	25,000.00	
Total	9,301,661.81	13,107.28
MAINE.		
1826	1,200.00	166.24
1827	11,000.00	
1828	3,500.00	
1829	5,300.00	2.70
1830	5,000.00	
1831	1,175.00	
1832	4,300.00	331.09
1834	10,300.00	
MAINE—Cont'd.		
1836	$17,700.00	
1837	28,000.00	
1838	34,360.00	$89.84
1840	1,075.39	
1852	45,700.00	2,240.51
1858	2,502.11	
1866	165,111.05	
1867	85,000.00	3.25
1868	20,000.00	
1869	37,125.00	
1870	80,000.00	
1871	103,500.00	146.71
1872	193,000.00	
1873	174,000.00	
1874	82,000.00	
1875	95,000.00	
1876	26,000.00	
1878	55,000.00	
1879	31,000.00	
1880	68,000.00	
1881	109,000.00	
1882	138,000.00	
1884	125,000.00	
1886	163,750.00	
Total	†2,011,598.55	2,985.34
MARYLAND.		
1836	20,000.00	
1837	15,000.00	
1838	20,000.00	
1852	20,000.00	
1856	100,000.00	
1866	5,200.00	
1867	75,000.00	472.84
1868	17,000.00	
1869	26,730.00	
1870	42,900.00	
1871	65,000.00	
1872	143,000.00	
1873	225,000.00	
1874	90,000.00	
1875	122,317.50	
1876	85,000.00	
1878	103,000.00	
1879	172,500.00	
1880	139,500.00	
1881	194,000.00	
1882	488,000.00	
1884	288,000.00	
1886	201,775.00	
Total	2,658,922.50	472.84
MASSACHUSETTS.		
1823	6,000.00	
1824	20,000.00	
1825	59,084.56	150.58
1826	16,684.90	3,500.00
1827	10,650.00	200.00
1828	121,400.00	28.45
1829	43,790.54	3.39
1830	11,874.54	
1831	54,925.00	
1832	89,700.00	5,307.39
1833	10,500.00	900.00
1834	20,260.00	
1835	14,100.00	
1836	54,900.41	7,655.73
1837	25,000.00	
1838	60,708.37	170.10

* This amount includes $74,133.60 allotted from the lump appropriation for operating and care of canals.

† This amount includes $2,600 of former appropriations re-appropriated.

State and year.	Amount appropriated.	Total amount carried to surplus fund.
MASSACHUSETTS—Con.		
1841	$2,500.00	
1842	10,000.00	
1843	16,000.00	$130.77
1844	1,269.75	
1845	18,437.27	
1847	645.30	
1848	40,000.00	
1852	53,500.00	1,782.17
1864	50,000.00	
1865	23,000.00	
1866	176,068.44	1,063.54
1867	375,000.00	
1868	43,000.00	
1869	115,830.00	
1870	157,000.00	
1871	161,000.00	
1872	172,500.00	
1873	239,000.00	
1874	166,000.00	
1875	167,000.00	
1876	74,000.00	
1878	76,000.00	
1879	78,000.00	
1880	222,500.00	
1881	239,000.00	
1882	351,500.00	
1884	242,000.00	
1886	286,750.00	
Total	*4,177,079.08	20,719.12
MICHIGAN.		
1826	200.00	89.11
1827	3,977.81	
1829	2,318.00	
1830	89.11	
1832	8,000.00	
1834	4,895.00	
1835	30,000.00	
1836	35,323.15	20.02
1837	45,000.00	
1838	66,113.00	19.71
1843	25,000.00	
1844	40,000.00	
1852	81,000.00	1.99
1856	145,000.00	.24
1860	443,671.58	2.21
1867	1,033,600.00	
1868	128,900.00	
1869	313,731.00	
1870	358,000.00	
1871	658,000.00	386.97
1872	679,000.00	.90
1873	624,000.00	
1874	541,000.00	
1875	578,000.00	
1876	397,500.00	
1878	566,300.00	
1879	558,500.00	
1880	579,000.00	
1881	502,500.00	
1882	837,389.60	
1883	47,200.00	
1884	774,177.12	
1885	34,999.31	
1886	862,700.00	
1887	25,500.00	
Total	†11,030,584.68	521.15

State and year.	Amount appropriated.	Total amount carried to surplus fund.
MINNESOTA.		
1867	$37,500.00	
1870	60,000.00	
1871	120,000.00	
1872	110,000.00	
1873	50,000.00	
1874	170,000.00	
1875	145,000.00	
1876	145,000.00	
1878	40,000.00	
1879	45,000.00	
1880	45,000.00	
1881	75,000.00	
1882	90,000.00	
1884	80,000.00	
1886	98,750.00	
Total	1,311,250.00	
MISSISSIPPI.		
1827	8,000.00	
1828	17,500.00	$15,900.00
1832	15,900.00	445.01
1852	5,000.00	4,379.78
1873	40,000.00	
1875	12,000.00	
1876	15,000.00	
1878	35,000.60	
1879	118,000.00	
1880	102,500.00	
1881	59,000.00	
1882	00,500.00	
1884	57,000.00	
1886	92,625.00	
Total	‡638,025.00	20,724.79
MISSOURI.		
1844	25,000.00	23,335.30
1880	57,000.00	
1881	25,000.00	
1882	15,000.00	
1884	5,000.00	
1886	7,500.00	
Total	134,500.00	23,335.30
NEW HAMPSHIRE.		
1871	10,000.00	
1872	10,000.00	
1873	10,000.00	
1874	10,000.00	
1875	25,000.00	
1876	14,000.00	
1878	6,000.00	
1879	10,000.00	
1880	50,000.00	
1881	47,500.00	
1882	57,000.00	
1884	48,000.00	
1886	35,000.00	
Total	332,500.00	

* This amount includes $7,691.37 of former appropriations re-appropriated.

† This amount includes $89.11 of former appropriations re-appropriated, and also $210,466.03 allotted from indefinite appropriations for operating and care of canals.

‡ This amount includes $15,900 of former appropriations re-appropriated.

State and year.	Amount appropriated.	Total amount carried to surplus fund.
NEW JERSEY.		
1829	$100.00	$29.20
1836	12,000.00	
1837	6,936.00	22.12
1838	10,000.00	
1852	23,000.00	8,582 48
1871	33,000.00	
1872	25,000.00	
1873	25,000.00	
1874	20,000.00	
1875	20,000.00	
1876	10,000.00	
1878	236,000.00	
1879	110,000.00	
1880	272,000.00	
1881	276,000.00	
1882	273,975.00	
1884	100,000.00	
1886	115,000.00	
Total	1,568,011.00	8,633.80
NEW YORK.		
1826	18,200.00	
1827	36,348.64	
1828	53,789.39	704.58
1829	69,934.75	15.71
1830	48,643.75	143.95
1831	77,939.34	
1832	77,600.00	
1833	70,100.00	
1834	171,000.00	3.00
1835	23,168.43	
1836	241,100.00	17.80
1837	217,000.00	
1838	427,344.00	9,870.78
1843	2,680.01	
1844	101,150.00	303.66
1852	227,500.00	1,019.98
1853	525.15	1,439.70
1855	452.32	
1864	41,601.36	
1866	388,599.51	
1867	918,330.00	30,646.80
1868	192,630.00	
1869	383,175.00	
1870	515,000.00	36.33
1871	605,000.00	23,485.04
1872	615,485.04	
1873	636,000.00	7,000.00
1874	601,000.00	
1875	652,000.00	
1876	548,000.00	
1878	983,000.00	
1879	710,500.00	
1880	589,000.00	
1881	558,000.00	
1882	801,500.00	
1884	956,000.00	
1886	1,391,375.00	
Total	*13,952,671.69	74,687.33
NORTH CAROLINA.		
1828	21,000.00	
1829	41,080.00	80.05
1830	25,688.00	
1831	42,705.00	
1832	50,000.00	
1833	44,700.00	
1834	20,234.00	
1835	20,000.00	
1836	44,000.00	
1837	42,050.00	.30
1838	50,000.00	1,190.79
NORTH CAROLINA—Cont'd.		
1847	$601.92	
1852	75,000.00	$11,911.11
1854	140,000.00	3,703.74
1870	100,000.00	
1871	95,000.00	
1872	110,000.00	
1873	10,000.00	
1874	255,000.00	
1875	150,000.00	
1876	160,000.00	
1878	259,000.00	
1879	211,000.00	
1880	183,000.00	
1881	305,000.00	
1882	420,000.00	
1884	288,000.00	
1886	304,750.00	
Total	3,467,808.92	16,855.99
OHIO.		
1825	6,000.00	
1826	25,020.00	41.70
1827	10,000.00	
1828	24,969.72	
1829	35,510.25	
1830	23,925.34	
1831	35,490.00	
1832	31,800.00	
1833	6,300.00	
1834	40,015.00	
1835	11,991.00	
1836	45,773.95	
1837	56,975.00	
1838	116,482.57	1,572.29
1844	65,000.00	420.09
1852	90,000.00	188.33
1853	188.33	
1859	672.75	
1866	251,995.80	6,006.49
1867	181,000.00	
1868	17,000.00	
1869	51,990.00	
1870	86,000.00	
1871	65,000.00	
1872	103,000.00	
1873	174,400.00	
1874	221,500.00	
1875	232,000.00	
1876	169,000.00	
1878	208,000.00	
1879	150,000.00	
1880	271,500.00	
1881	334,500.00	
1882	313,500.00	
1884	257,000.00	
1886	335,500.00	
Total	4,076,999.71	8,228.90
OREGON.		
1866	15,000.00	
1867	30,000.00	
1868	21,000.00	
1869	13,365.00	
1870	31,000.00	
1871	38,500.00	
1872	100,000.00	
1873	23,000.00	
1874	47,500.00	8.47
1875	80,000.00	
1876	145,000.00	
1878	225,000.00	

* This amount includes $23,485.04 of former appropriations re-appropriated.

State and year.	Amount appropriated.	Total amount carried to surplus fund.
OREGON—Cont'd.		
1879	$222,000.00	
1880	222,000.00	
1881	216,000.00	
1882	483,500.00	
1884	470,000.00	
1886	599,751.47	
Total	2,982,616.47	$8.47
PENNSYLVANIA.		
1823	150.00	
1824	20,000.00	
1826	7,000.00	
1827	2,000.00	
1828	6,223.18	
1829	12,390.25	245.52
1831	1,700.00	
1832	4,500.00	
1833	6,000.00	
1834	23,045.00	
1835	5,000.00	
1836	18,122.80	
1837	17,000.00	
1838	30,000.00	
1844	40,000.00	
1852	35,000.00	273.82
1866	41,961.00	
1867	130,000.00	349.51
1868	40,000.00	
1869	22,275.00	
1870	35,000.00	
1871	39,000.00	
1872	55,000.00	
1873	40,000.00	.33
1874	40,000.00	
1875	110,000.00	851.85
1876	62,600.00	
1878	58,400.00	
1879	60,000.00	
1880	120,000.00	
1881	118,000.00	
1882	88,000.00	
1884	110,000.00	
1886	138,750.00	
Total	1,637,117.23	1,721.04
RHODE ISLAND.		
1836	10,000.00	
1838	18,000.00	
1852	6,500.00	59.19
1867	42,000.00	5.96
1870	45,500.00	
1871	92,000.00	
1872	80,000.00	
1873	93,500.00	16.98
1874	45,000.00	
1875	40,000.00	
1876	40,000.00	
1878	55,000.00	
1879	60,000.00	
1880	66,000.00	
1881	36,000.00	
1882	164,000.00	
1884	170,000.00	
1886	138,250.00	
Total	1,201,750.00	82.13
SOUTH CAROLINA.		
1836	1,000.00	1,000.00
1852	53,000.00	.03
1870	7,500.00	601.79
1871	13,000.00	
SOUTH CAROLINA—Cont'd.		
1872	$40,000.00	$56.05
1873	5,000.00	
1874	18,000.00	
1875	10,000.00	
1876	10,000.00	
1878	200,000.00	
1879	200,000.00	
1880	183,000.00	
1881	222,500.00	
1882	371,000.00	
1884	296,000.00	
1886	276,000.00	
Total	1,905,000.00	1,657.87
TENNESSEE.		
1876	10,000.00	
1878	56,000.00	
1879	40,000.00	
1880	65,000.00	
1881	36,000.00	
1882	32,500.00	
1884	18,500.00	
1886	24,500.00	
Total	282,500.00	
TEXAS.		
1852	29,500.00	1,972.09
1870	25,000.00	
1871	20,000.00	
1872	51,000.00	
1873	50,000.00	
1874	79,000.00	
1875	205,200.00	
1876	295,000.00	7.08
1878	304,000.00	
1879	290,500.00	
1880	469,000.00	
1881	750,000.00	
1882	937,500.00	
1884	417,000.00	
1886	730,500.00	
Total	4,644,200.00	1,979.17
VERMONT.		
1836	10,000.00	
1837	10,000.00	
1838	50,000.00	
1844	10,000.00	
1852	10,000.00	
1864	308.00	
1866	27,672.20	
1867	80,000.00	
1870	25,000.00	6,669.13
1871	30,000.00	
1872	40,000.00	
1873	40,000.00	
1874	33,000.00	
1875	40,000.00	
1876	22,000.00	
1878	48,000.00	
1879	26,000.00	
1880	14,500.00	
1881	14,500.00	
1882	18,500.00	
1884	50,000.00	
1886	18,750.00	
Total	618,230.20	6,669.13

State and year.	Amount appropriated.	Total amount carried to surplus fund.
VIRGINIA.		
1829	$80.00	$55.90
1836	500.00	
1852	48,000.00	448.93
1870	50,000.00	
1871	65,000.00	
1872	111,500.00	
1873	167,000.00	
1874	118,000.00	
1875	107,000.00	
1876	160,000.00	
1878	240,500.00	
1879	213,000.00	
1880	247,000.00	
1881	258,800.00	
1882	271,000.00	
1884	222,500.00	
1885	5,000.00	
1886	391,500.00	
Total	2,670,380.00	504.83
WASHINGTON TERRITORY.		
1880	4,500.00	
1881	1,000.00	
1882	24,000.00	
1884	14,500.00	
1886	14,500.00	
Total	58,500.00	
WEST VIRGINIA.		
1873	25,000.00	
1874	50,000.00	
1875	322,000.00	
1876	277,300.00	
1878	247,000.00	
1879	169,000.00	
1880	237,000.00	
1881	251,000.00	
1882	235,000.00	
1884	203,500.00	
1885	7,075.00	
1886	215,185.00	
1887	11,170.00	
Total	*2,250,230.00	
WISCONSIN.		
1836	400.00	400.00
1839	2,500.00	273.09
1843	15,000.00	
1844	45,000.00	
1845	15,000.00	
1852	53,000.00	7.50
1853	163.94	163.94
1866	277,753.83	
1867	246,000.00	
1868	35,000.00	
1869	185,031.00	
1870	287,500.00	
1871	226,500.00	
1872	301,713.97	201.65
1873	560,000.00	
1874	385,000.00	
1875	655,000.00	
1876	368,000.00	
1878	378,310.00	
1879	259,500.00	
1880	233,010.00	
WISCONSIN—Cont'd.		
1881	$363,000.00	
1882	589,000.00	
1883	2,460.00	
1884	466,000.00	
1885	54,000.00	
1886	334,076.97	
1887	42,900.00	
Total	†6,330,819.71	$1,046.18
MISCELLANEOUS.		
1802	30,000.00	
1805	5,848.79	
1806	448.71	
1819	6,509.00	
1820	9,500.00	
1821	2,500.00	
1822	34,200.00	21,759.91
1824	105,000.00	44,911.59
1825	28,567.00	
1826	346,800.00	17,967.74
1827	72,083.40	5,004.81
1828	367,413.00	2,562.11
1829	213,560.00	9.78
1830	100,400.00	
1831	229,000.00	3.44
1832	160,878.00	38.00
1833	229,500.00	
1834	171,373.63	
1835	223,000.00	2,022.08
1836	384,100.05	15,226.60
1837	430,187.50	2,411.58
1838	237,000.00	2,973.66
1840	100,000.00	
1841	119,369.00	
1842	45,000.00	731.29
1843	115,000.60	
1844	300,000.00	133.34
1845	240.00	
1846	4,988.00	
1847	13,629.25	1,001.24
1849	1,500.00	291.39
1850	40,000.00	
1852	625,000.00	1,037.87
1853	50,000.00	
1855	10,313.96	585.49
1856	202,127.12	776.53
1857	25,000.00	
1860	4,106.94	
1864	350,000.00	
1866	1,721,400.00	880.00
1867	1,151,000.00	.01
1868	827,000.00	
1869	766,775.00	
1870	1,633,000.00	6.61
1871	1,739,000.00	
1872	1,807,000.00	
1873	1,848,133.33	5.61
1874	1,521,000.00	851.86
1875	1,820,000.00	
1876	1,386,600.00	
1878	3,021,334.40	
1879	2,555,000.00	
1880	2,975,000.00	
1881	4,550,000.00	
1882	9,088,933.09	
1883	302,000.00	
1884	7,197,200.00	
1885	126,600.00	
1886	5,942,390.00	
1887	123,610.00	
Total	‡57,517,150.77	120,592.55

* This amount includes $26,055 allotted from indefinite appropriations for operating and care of canals.

† This amount includes $219,613.97 allotted from indefinite appropriations for operating and care of canals.

‡ This amount includes $52,873.99 of former appropriations re-appropriated, and also $718,637.91 allotted from indefinite appropriations for operating and care of canals.

TOTAL OF ALL APPROPRIATIONS, BY STATES, FOR IMPROVEMENT OF RIVERS AND HARBORS FROM AUGUST 11, 1790, TO MARCH 3, 1887.

States, etc.	Amount.	Total amounts carried to the surplus fund.
Alabama	$1,758,751.82	$20,609.45
Arkansas	336,500.00	.....
California	2,794,277.27	.....
Connecticut	2,177,592.47	18,478.26
Delaware	2,890,318.69	3,203.31
District of Columbia	240,000.00	.....
Florida	1,814,483.13	46,662.21
Georgia	2,280,071.64	36,352.71
Idaho	15,000.00	.....
Illinois	3,856,655.00	65.47
Indiana	1,616,638.92	5.15
Iowa	154,232.95	.87
Kentucky	1,311,133.60	.....
Louisiana	9,301,661.81	13,107.28
Maine	2,011,598.55	2,965.34
Maryland	2,658,922.50	472.84
Massachusetts	4,177,079.08	20,719.12
Michigan	11,030,584.68	521.15
Minnesota	1,311,250.00	.....
Mississippi	638,025.00	20,724.79
Missouri	134,500.00	23,335.30
New Hampshire	332,500.00	.....
New Jersey	1,568,011.00	8,633.80
New York	13,952,671.69	74,687.33
North Carolina	3,467,808.92	16,855.99
Ohio	4,076,999.71	8,228.90
Oregon	2,982,616.47	8.47
Pennsylvania	1,537,117.23	1,721.04
Rhode Island	1,201,750.00	82.13
South Carolina	1,906,000.00	1,657.87
Tennessee	282,500.00	.....
Texas	4,644,200.00	1,979.17
Vermont	618,230.20	6,669.13
Virginia	2,676,380.00	504.83
Washington Territory	58,500.00	.....
West Virginia	2,250,230.00	.....
Wisconsin	6,380,819.71	1,046.18
Miscellaneous	57,517,150.77	120,592.55
Grand total	*157,962,762.81	449,910.64

*This amount includes $222,510.14 of former appropriations, re-appropriated, and also $1,320,906.51 allotted from indefinite appropriations for operating and care of canals.

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